

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
 Data File : BP000609.D
 Acq On : 10 Oct 2019 12:27
 Operator : JU
 Sample : K5285-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1-D

Quant Time: Oct 11 02:21:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

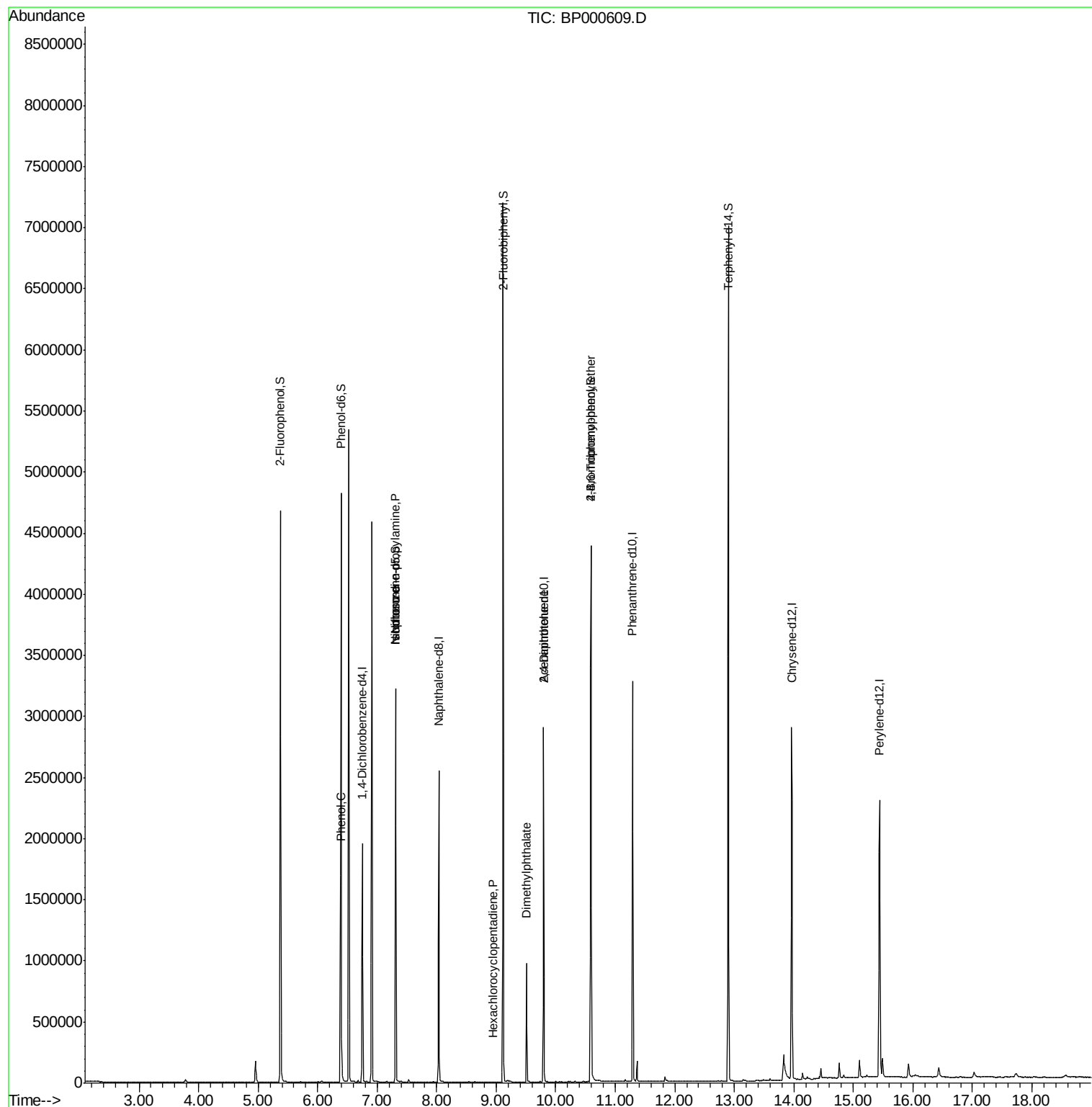
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	270791	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	1011832	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	573912	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1091743	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	909047	20.00	ng	-0.02
87) Perylene-d12	15.44	264	974696	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1446749	85.88	ng	-0.02
7) Phenol-d6	6.39	99	1847427	91.01	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1003525	60.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	527048	86.18	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2062601	58.15	ng	-0.02
79) Terphenyl-d14	12.90	244	2456808	54.72	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	78829	3.793	ng	89
19) n-Nitroso-di-n-propylamine	7.31	70	122995	13.145	ng	# 74
25) Isophorone	7.31	82	1002744	34.104	ng	# 61
41) Hexachlorocyclopentadiene	8.94	237	4	7.298	ng	76
50) Dimethylphthalate	9.51	163	340227	8.532	ng	99
57) 2,4-Dinitrotoluene	9.80	165	74380	6.451	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	36725	2.988	ng	# 1

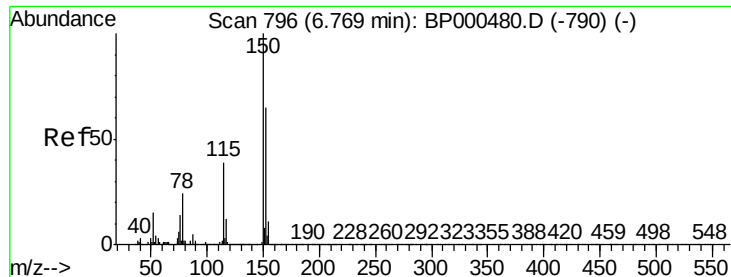
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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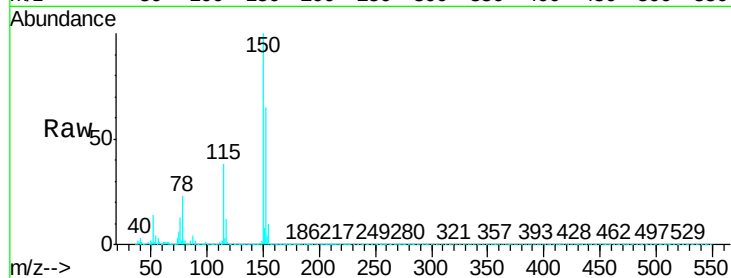


#1

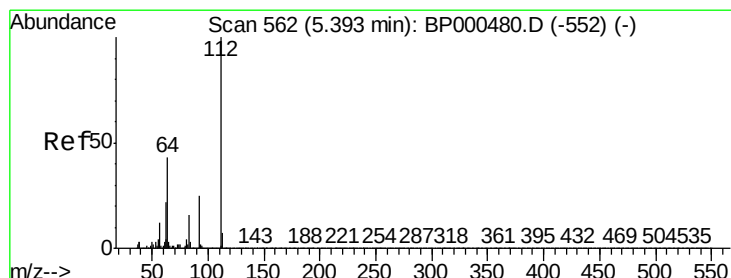
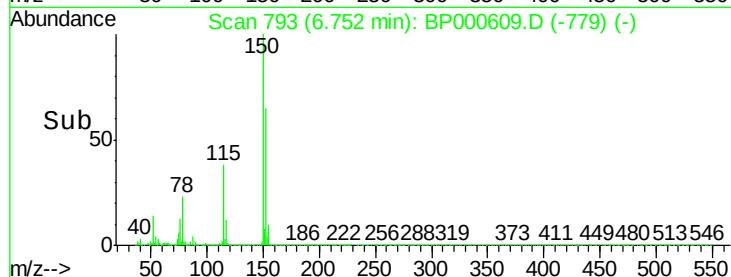
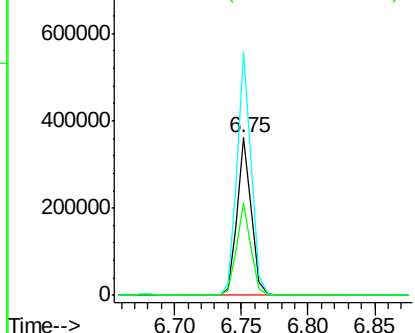
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000609.D
Acq: 10 Oct 2019 12:27

Instrument :
BNA_P
ClientSampleId :
TP-1-D

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.1	186.1
115	58.5	48.7	73.1



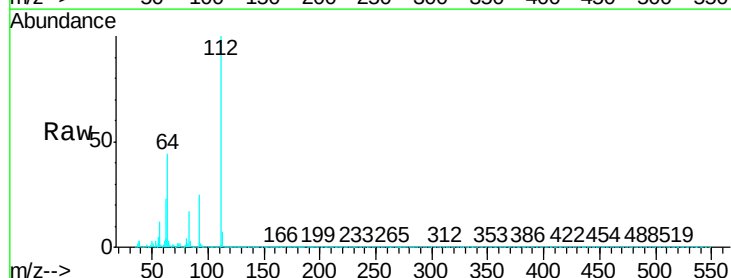
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



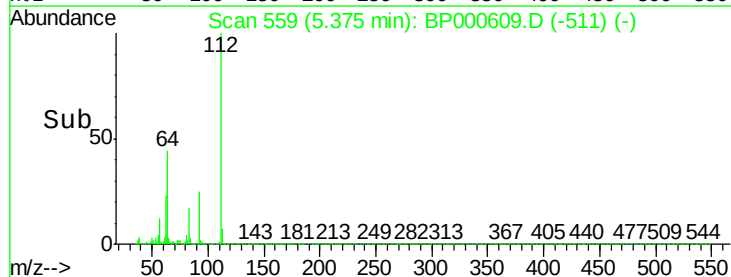
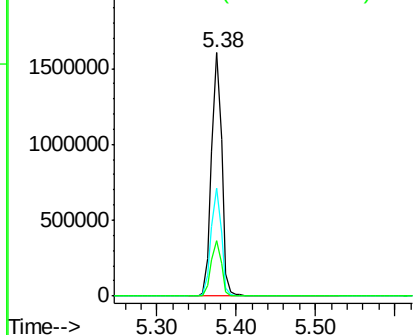
#5

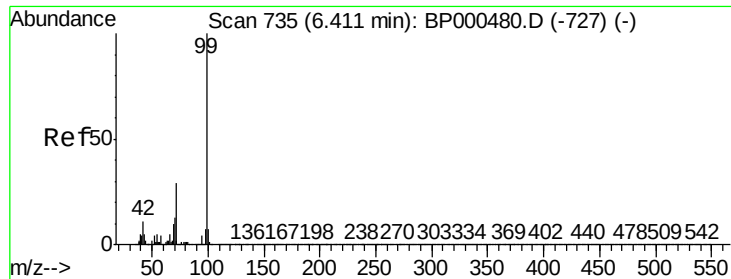
2-Fluorophenol
Concen: 85.881 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000609.D
Acq: 10 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.2	34.2	51.4
63	22.5	17.9	26.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 91.005 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000609.D

Acq: 10 Oct 2019 12:27

Instrument :

BNA_P

ClientSampled :

TP-1-D

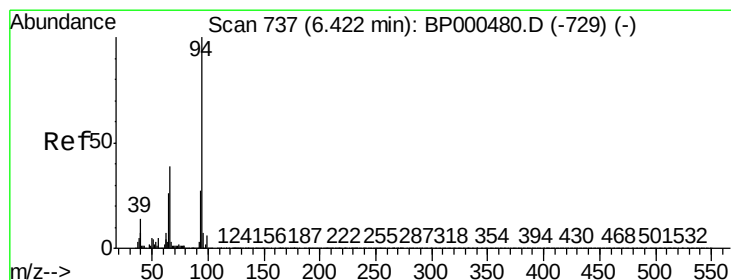
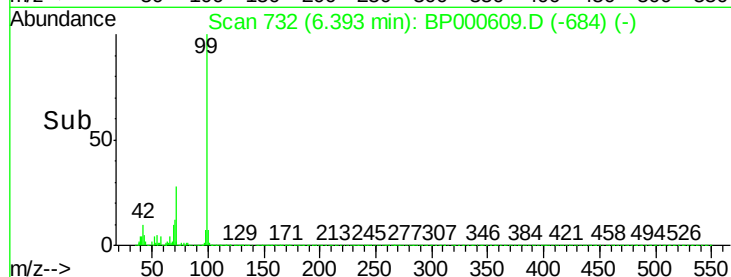
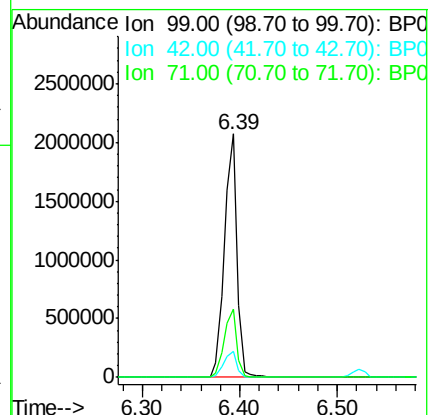
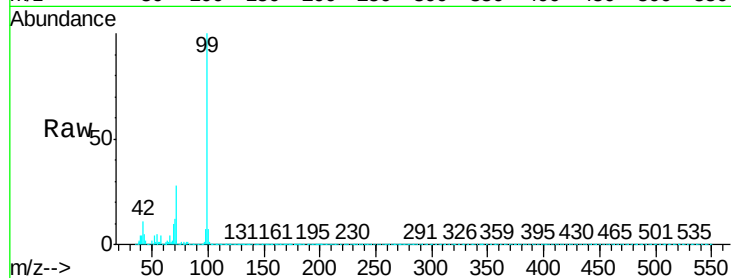
Tgt Ion: 99 Resp: 1847427

Ion Ratio Lower Upper

99 100

42 10.5 8.6 12.8

71 28.1 23.0 34.4



#10

Phenol

Concen: 3.793 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000609.D

Acq: 10 Oct 2019 12:27

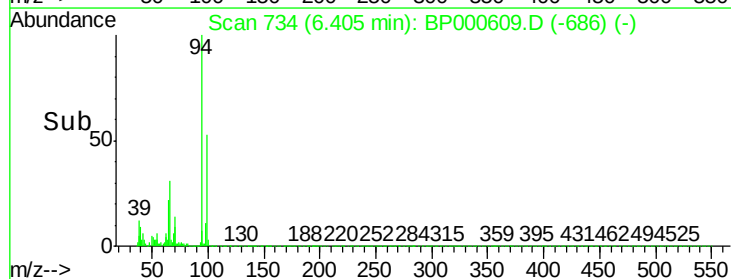
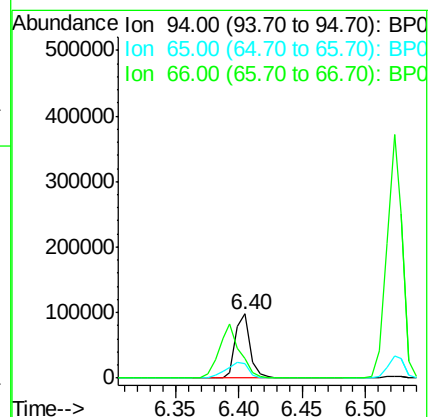
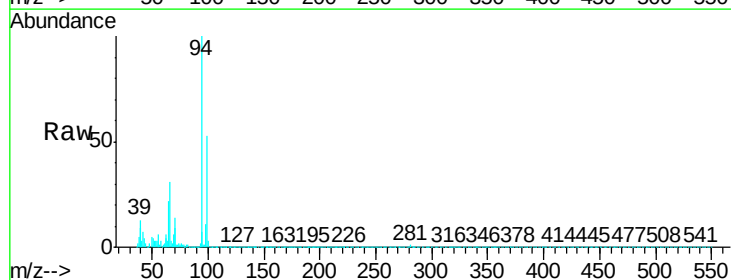
Tgt Ion: 94 Resp: 78829

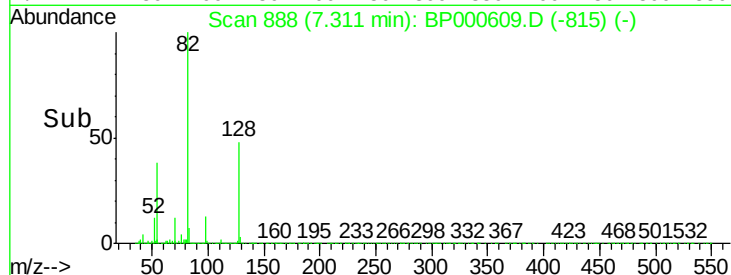
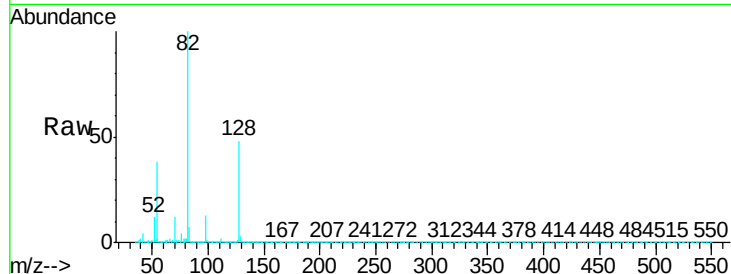
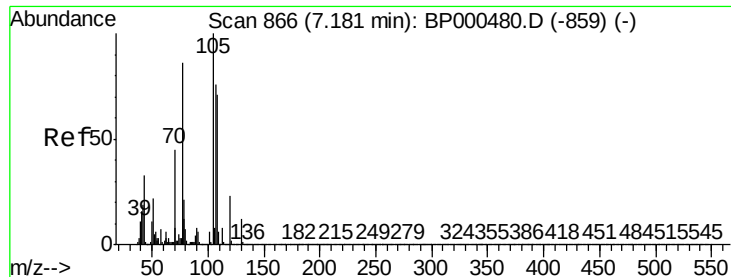
Ion Ratio Lower Upper

94 100

65 22.5 5.9 45.9

66 30.5 18.8 58.8

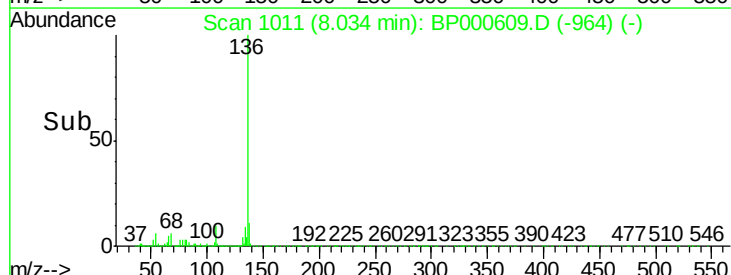
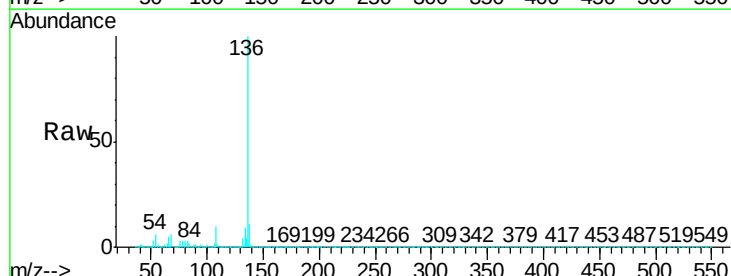
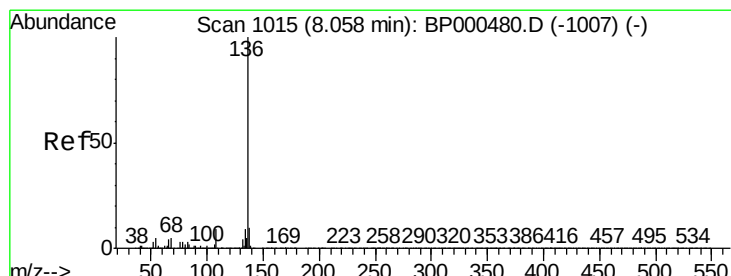
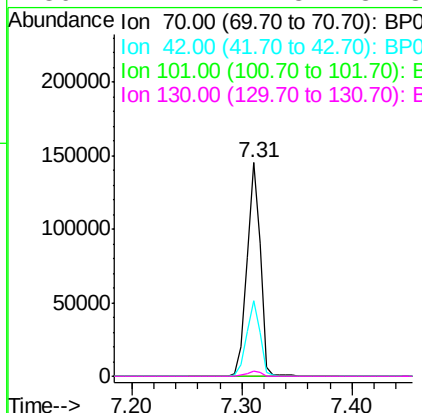




#19
n-Nitroso-di-n-propylamine
Concen: 13.145 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000609.D
Acq: 10 Oct 2019 12:27

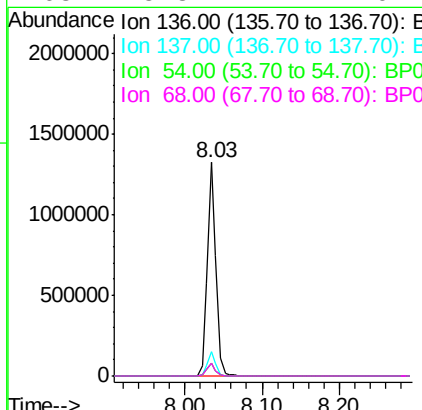
Instrument :
BNA_P
ClientSampleId :
TP-1-D

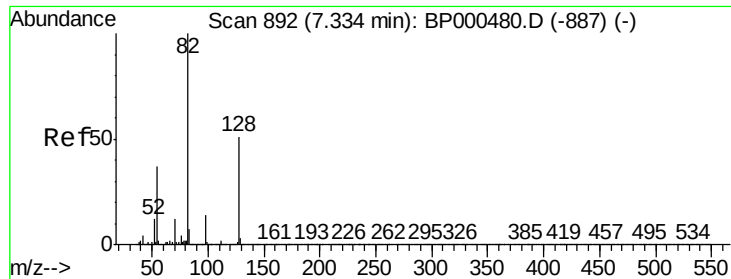
Tgt Ion:	70	Resp:	122995
Ion	Ratio	Lower	Upper
70	100		
42	35.1	33.2	49.8
101	0.0	9.9	14.9#
130	2.7	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000609.D
Acq: 10 Oct 2019 12:27

Tgt Ion:	136	Resp:	1011832
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	5.7	4.1	6.1
68	5.8	4.1	6.1

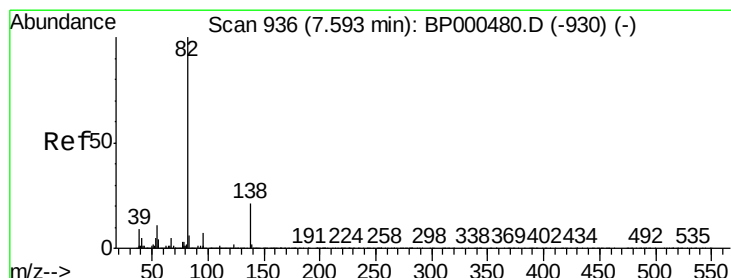
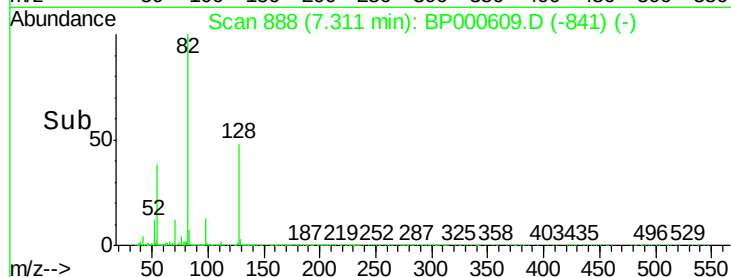
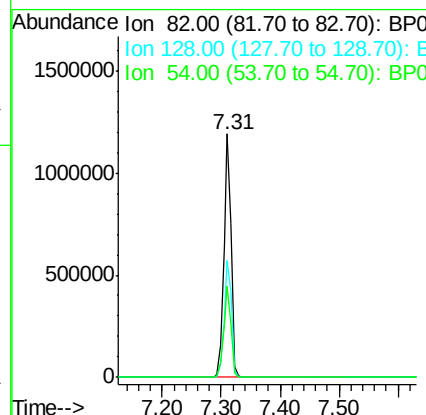
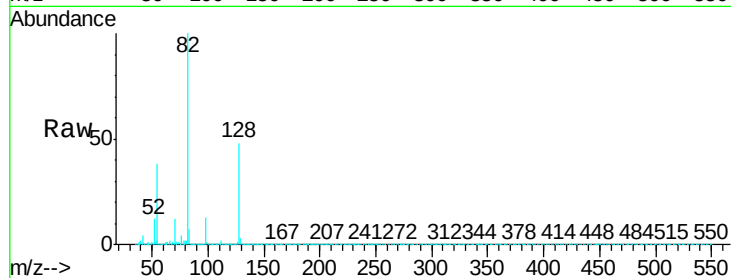




#23
 Nitrobenzene-d5
 Concen: 60.574 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000609.D
 Acq: 10 Oct 2019 12:27

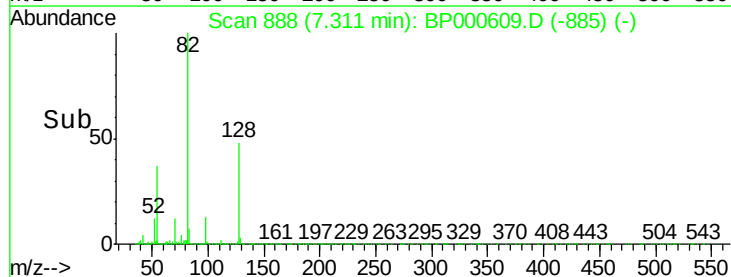
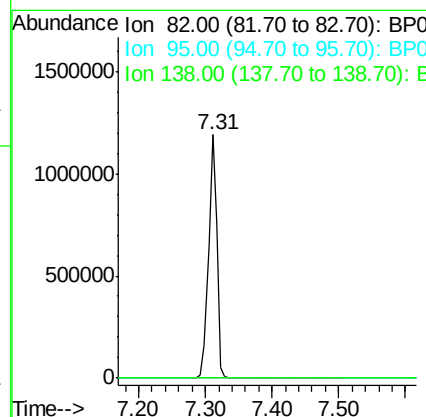
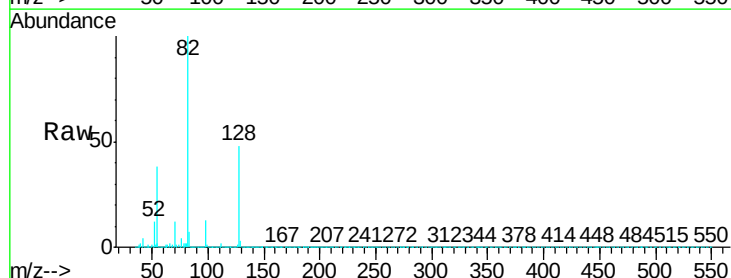
Instrument :
 BNA_P
 ClientSampleId :
 TP-1-D

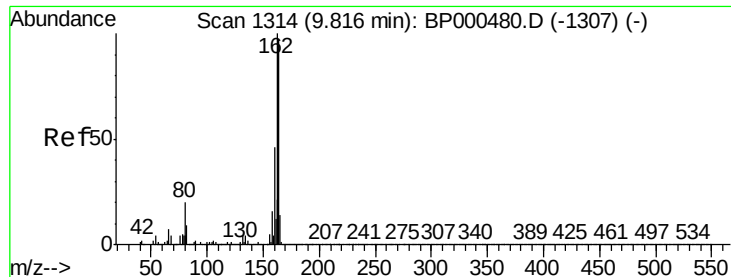
Tgt Ion: 82 Resp: 1003525
 Ion Ratio Lower Upper
 82 100
 128 48.2 40.9 61.3
 54 37.5 29.4 44.2



#25
 Isophorone
 Concen: 34.104 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.28 min
 Lab File: BP000609.D
 Acq: 10 Oct 2019 12:27

Tgt Ion: 82 Resp: 1002744
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 17.0 25.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BP000609.D

Acq: 10 Oct 2019 12:27

Instrument :

BNA_P

ClientSampleId :

TP-1-D

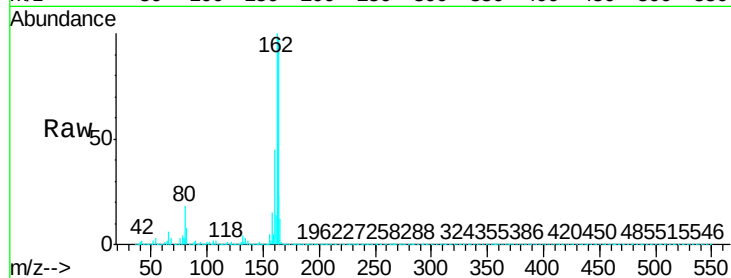
Tgt Ion:164 Resp: 573912

Ion Ratio Lower Upper

164 100

162 101.7 82.2 123.2

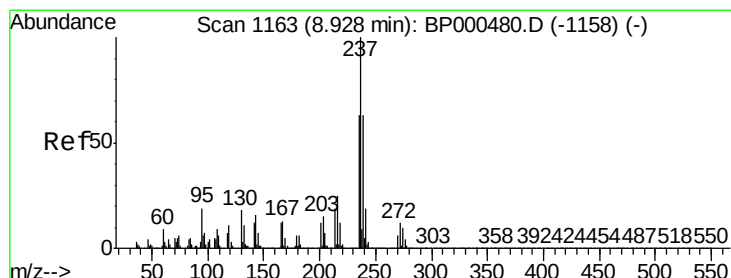
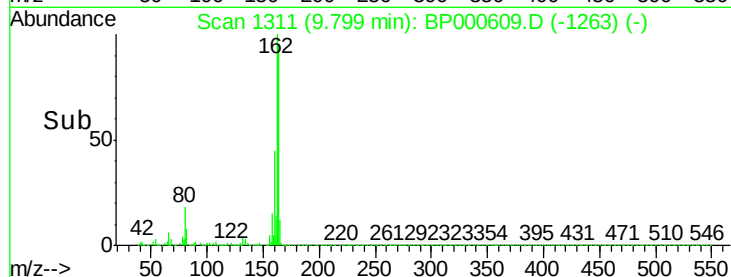
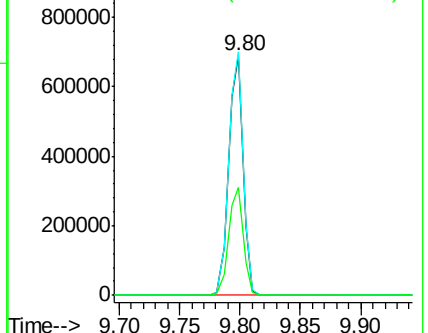
160 45.3 37.6 56.4



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



#41

Hexachlorocyclopentadiene

Concen: 7.298 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.01 min

Lab File: BP000609.D

Acq: 10 Oct 2019 12:27

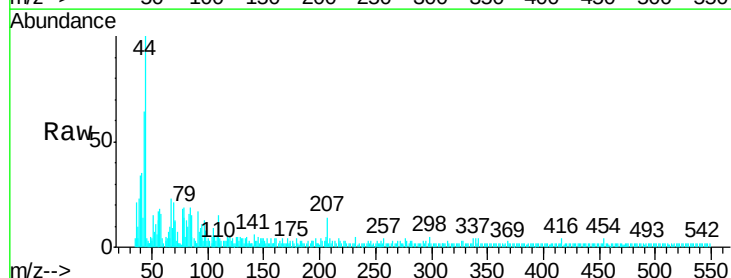
Tgt Ion:237 Resp: 4

Ion Ratio Lower Upper

237 100

235 80.0 42.9 82.9

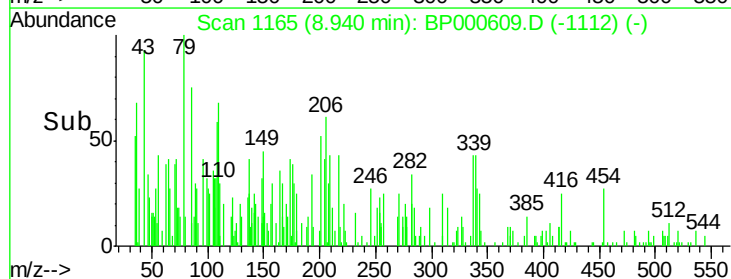
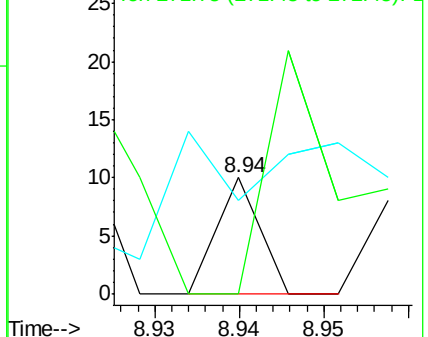
272 0.0 0.0 32.4

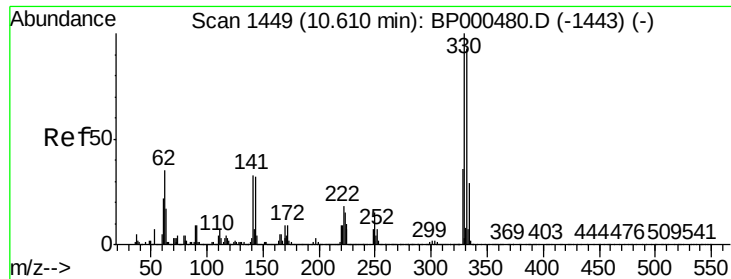


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

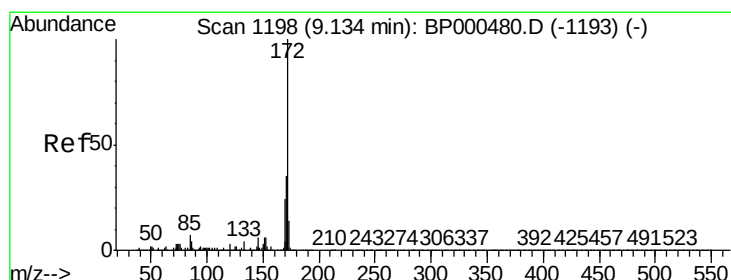
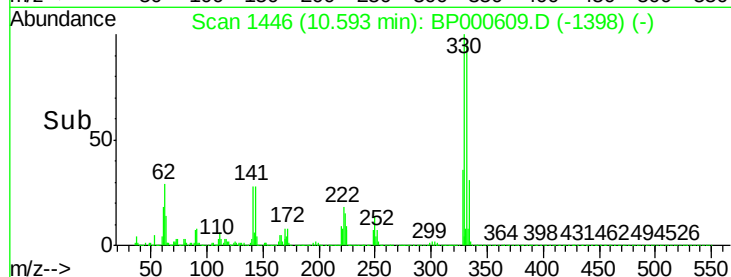
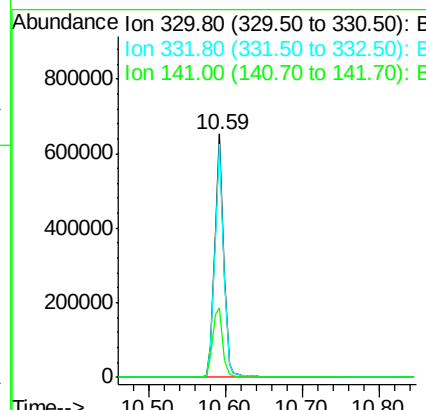
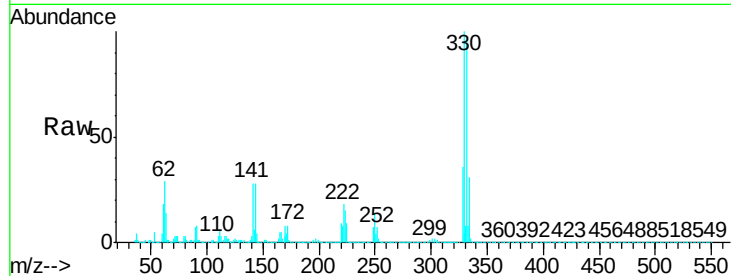




#42
 2,4,6-Tribromophenol
 Concen: 86.179 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BP000609.D
 Acq: 10 Oct 2019 12:27

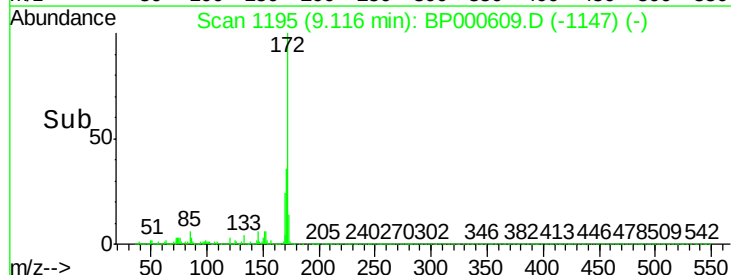
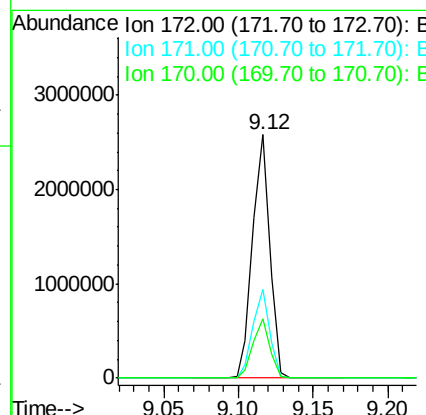
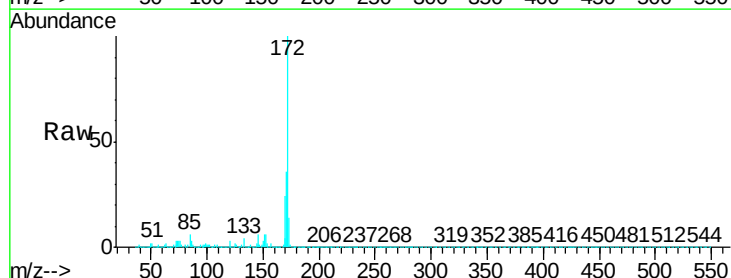
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 BNA_P
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 TP-1-D

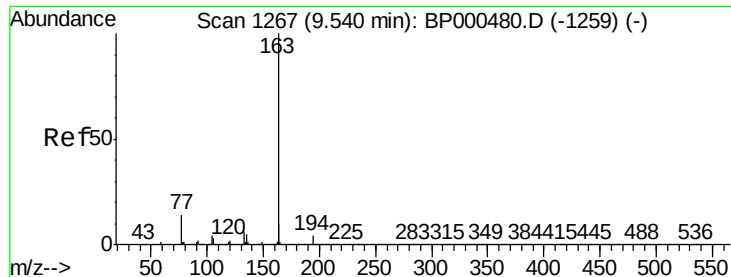
Tgt Ion:330 Resp: 527048
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.1 115.7
 141 32.7 26.0 39.0



#45
 2-Fluorobiphenyl
 Concen: 58.150 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BP000609.D
 Acq: 10 Oct 2019 12:27

Tgt Ion:172 Resp: 2062601
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.4 42.6
 170 24.5 19.1 28.7





#50

Dimethylphthalate

Concen: 8.532 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BP000609.D

Acq: 10 Oct 2019 12:27

Instrument :

BNA_P

ClientSampleId :

TP-1-D

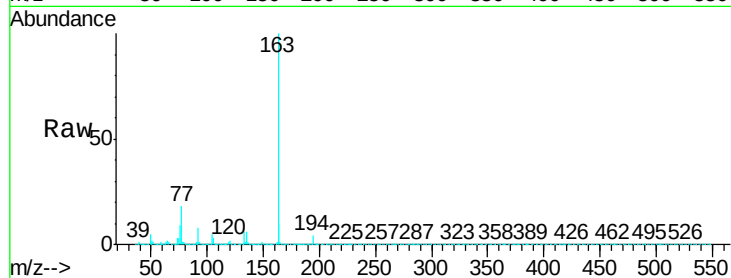
Tgt Ion:163 Resp: 340227

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

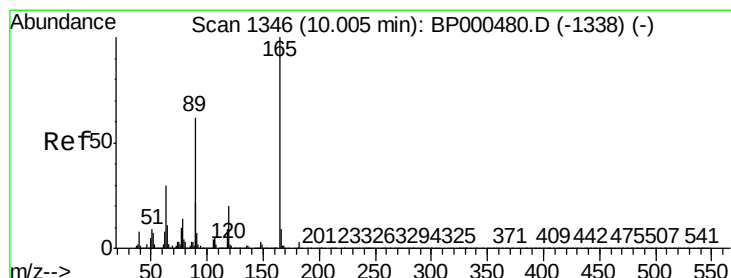
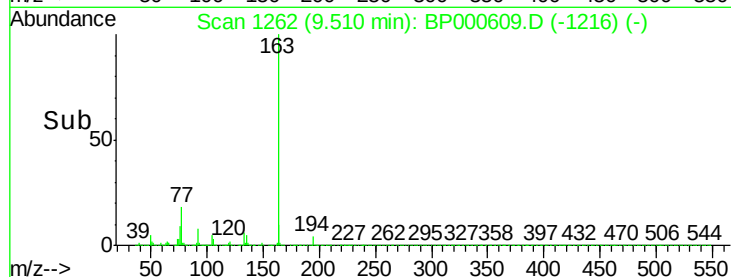
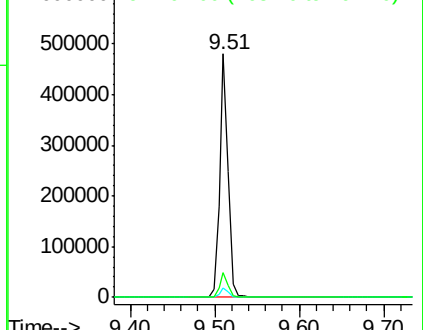
164 10.1 8.0 12.0



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: 6.451 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.21 min

Lab File: BP000609.D

Acq: 10 Oct 2019 12:27

Tgt Ion:165 Resp: 74380

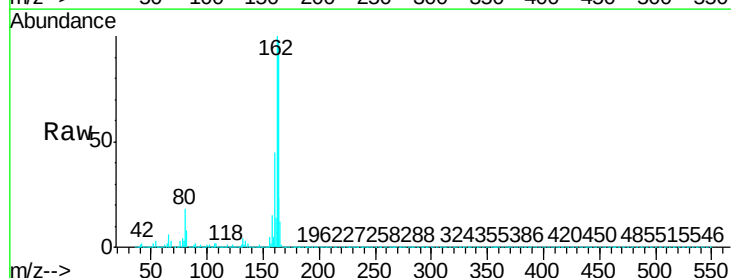
Ion Ratio Lower Upper

165 100

63 0.9 24.2 36.4#

89 1.2 49.4 74.0#

182 0.0 2.5 3.7#

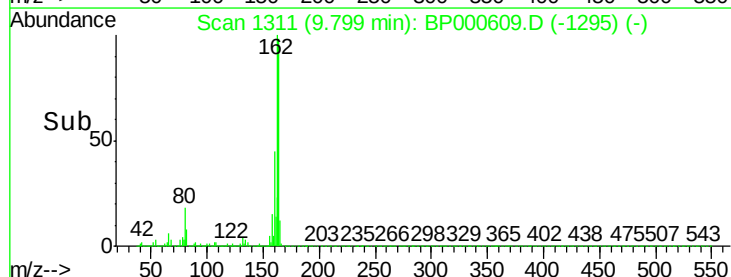
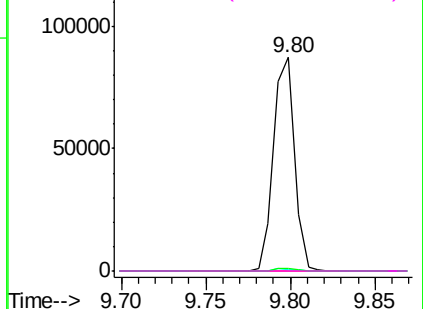


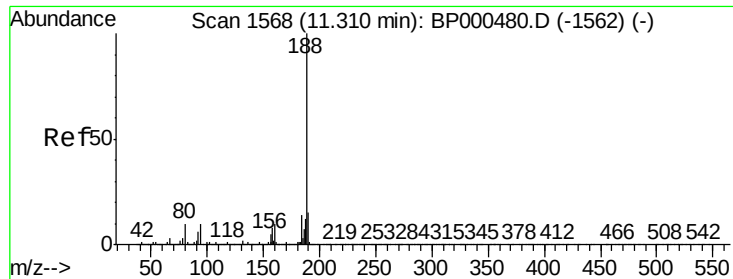
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BP000609.D

Acq: 10 Oct 2019 12:27

Instrument :

BNA_P

ClientSampleId :

TP-1-D

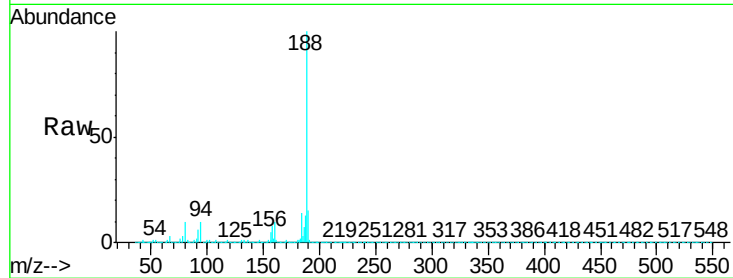
Tgt Ion:188 Resp: 1091743

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

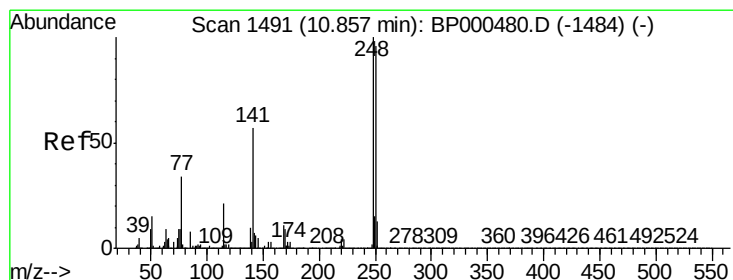
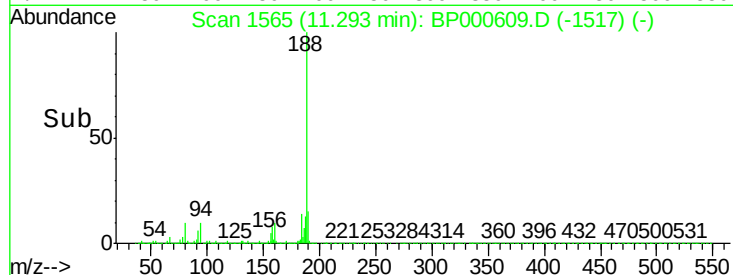
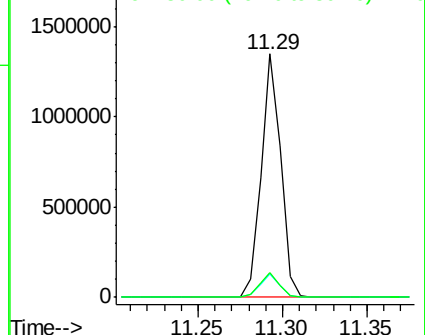
80 10.0 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#67

4-Bromophenyl-phenylether

Concen: 2.988 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.26 min

Lab File: BP000609.D

Acq: 10 Oct 2019 12:27

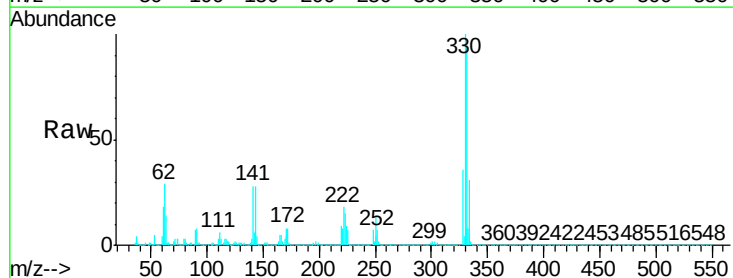
Tgt Ion:248 Resp: 36725

Ion Ratio Lower Upper

248 100

250 201.4 77.2 115.8#

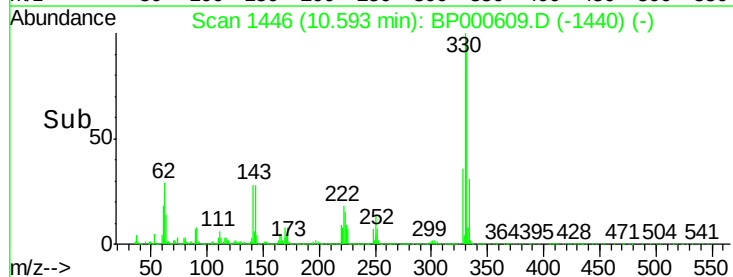
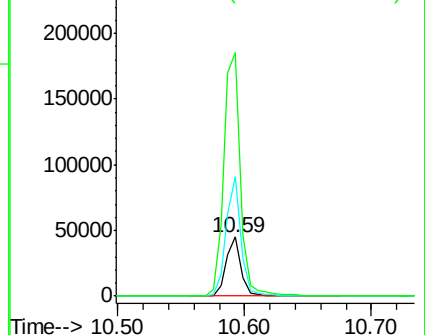
141 411.9 45.3 67.9#

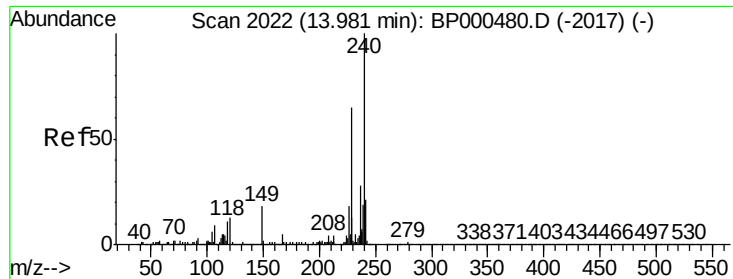


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

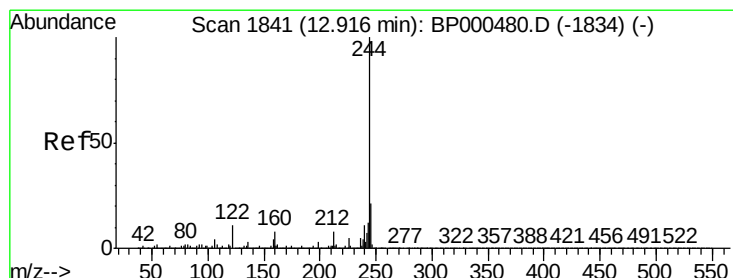
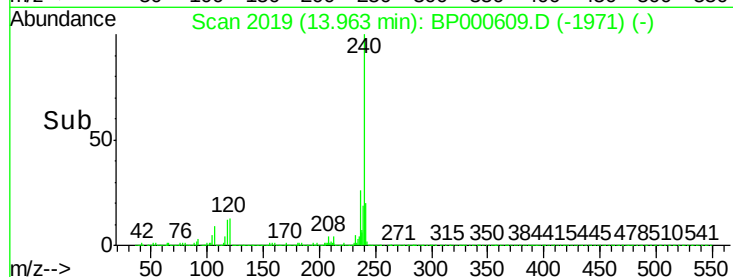
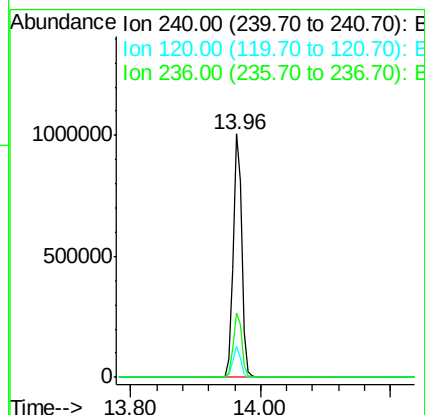
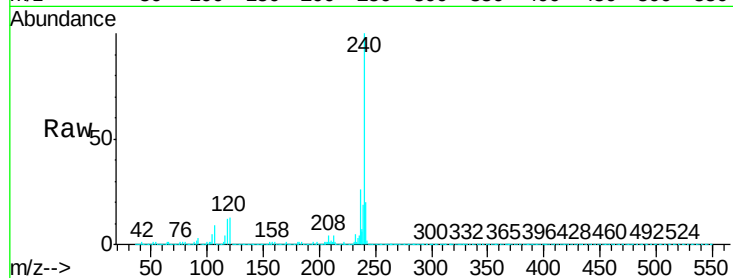




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000609.D
Acq: 10 Oct 2019 12:27

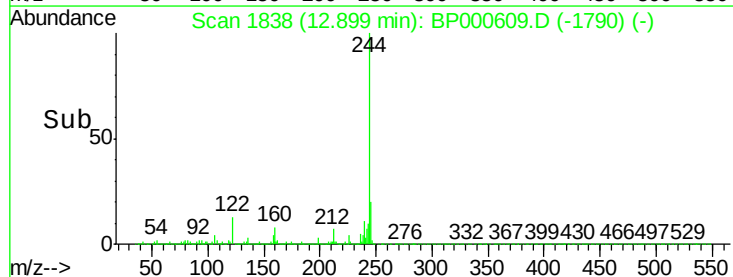
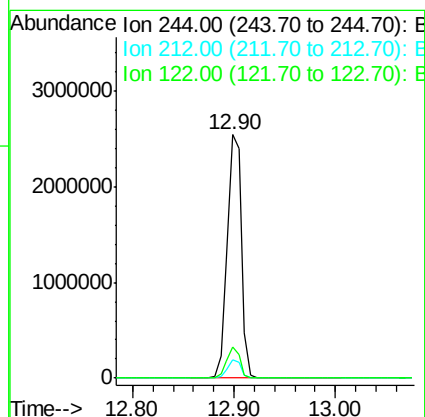
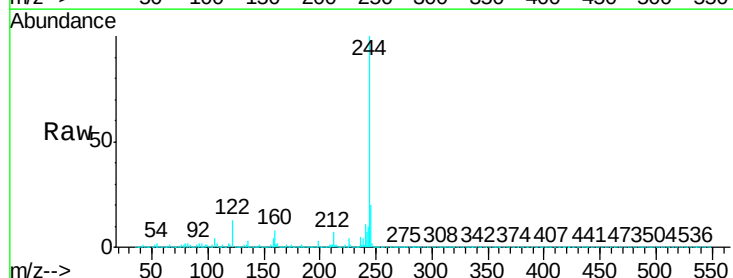
Instrument :
BNA_P
ClientSampleId :
TP-1-D

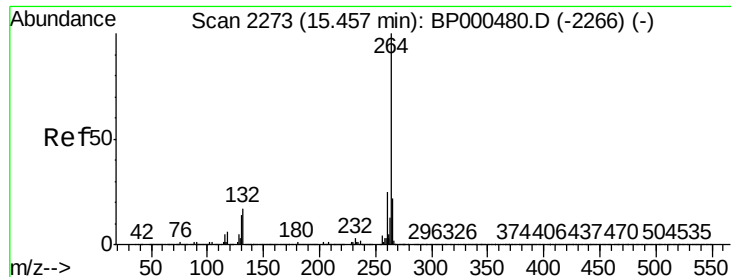
Tgt Ion:240 Resp: 909047
Ion Ratio Lower Upper
240 100
120 12.8 10.1 15.1
236 26.4 22.7 34.1



#79
Terphenyl-d14
Concen: 54.721 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BP000609.D
Acq: 10 Oct 2019 12:27

Tgt Ion:244 Resp: 2456808
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 12.6 8.9 13.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000609.D
Acq: 10 Oct 2019 12:27

Instrument :
BNA_P
ClientSampleId :
TP-1-D

Tgt Ion: 264 Resp: 974696
Ion Ratio Lower Upper
264 100
260 24.2 20.3 30.5
265 21.6 18.0 27.0

