

Data File : BP000059.D
Acq On : 04 Sep 2019 12:10
Operator : HP/JU
Sample : K4554-45
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-(0-2)

Quant Time: Sep 05 05:48:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	475000	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1784474	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	977874	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1820233	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1504613	20.00	ng	-0.01
87) Perylene-d12	15.63	264	1620992	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	2416779	81.13	ng	0.00
7) Phenol-d6	6.51	99	3168905	84.27	ng	0.00
23) Nitrobenzene-d5	7.45	82	1809564	62.22	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	771691	93.62	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3598307	61.45	ng	0.00
79) Terphenyl-d14	13.03	244	4203048	60.89	ng	0.00

Target Compounds

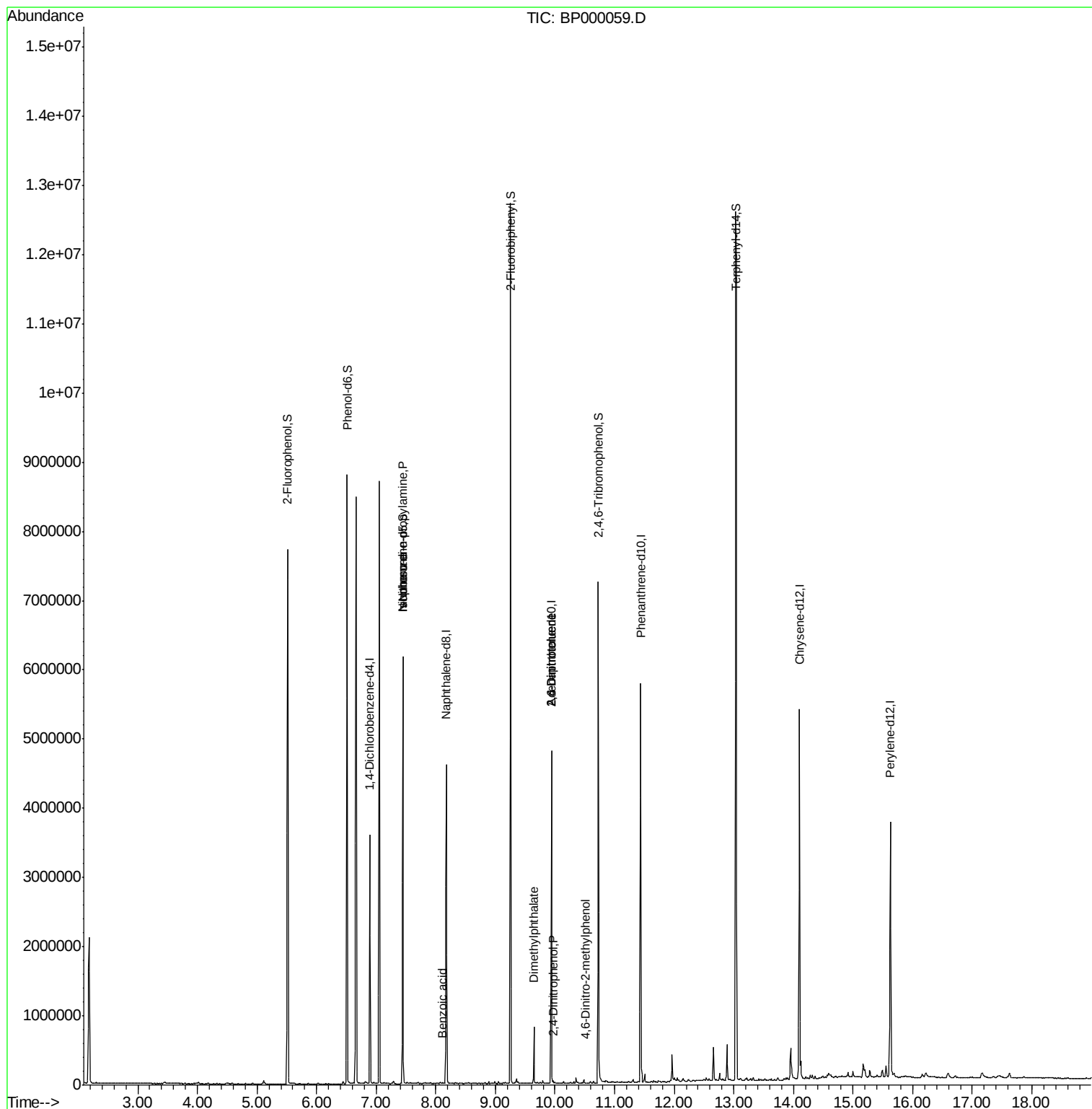
						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	222071	10.377	ng	# 78
25) Isophorone	7.45	82	1807744	29.419	ng	# 66
32) Benzoic acid	8.12	122	332	8.078	ng	93
50) Dimethylphthalate	9.65	163	286864	4.305	ng	99
51) 2,6-Dinitrotoluene	9.94	165	125617	8.881	ng	# 30
54) 2,4-Dinitrophenol	9.98	184	540	8.739	ng	# 1
57) 2,4-Dinitrotoluene	9.94	165	125617	6.957	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.52	198	405	7.773	ng	# 26
69) Atrazine	11.12	200	1596	Below Cal		92

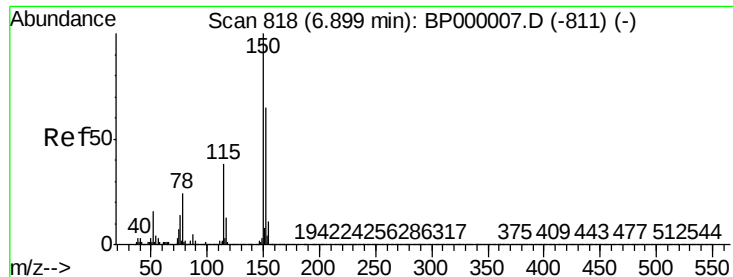
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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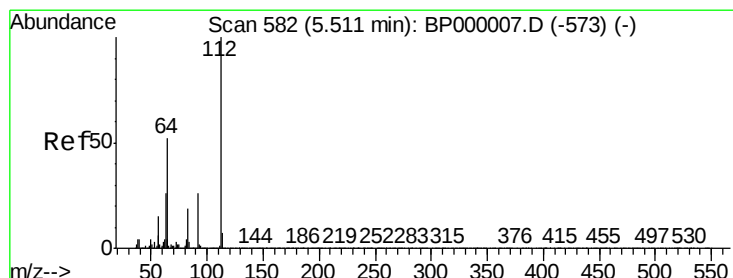
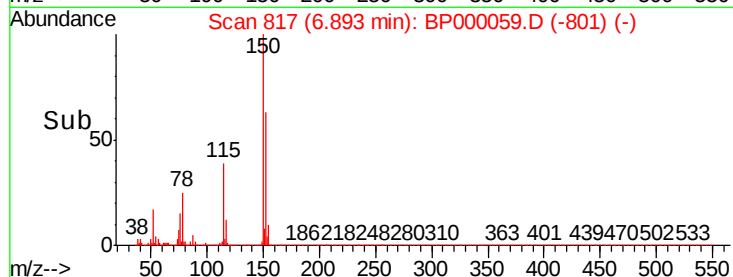
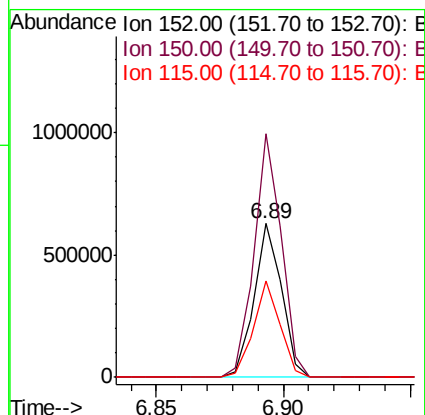
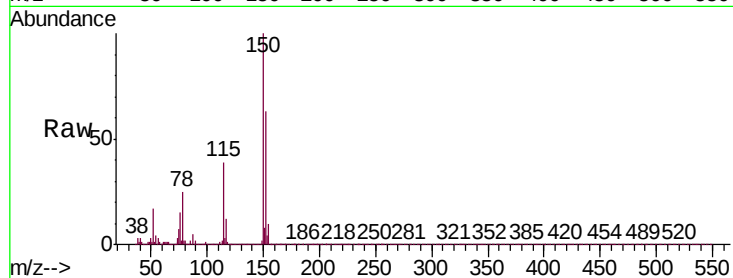


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Instrument :
BNA_P
ClientSampleId :
SB-2-(0-2)

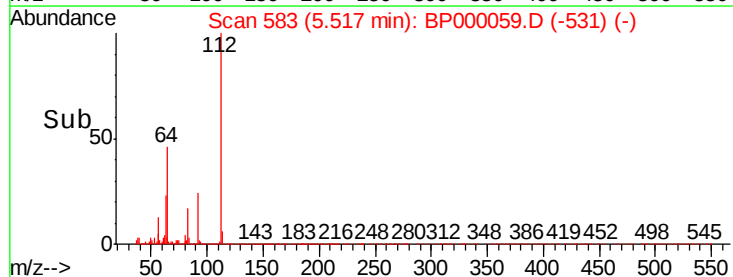
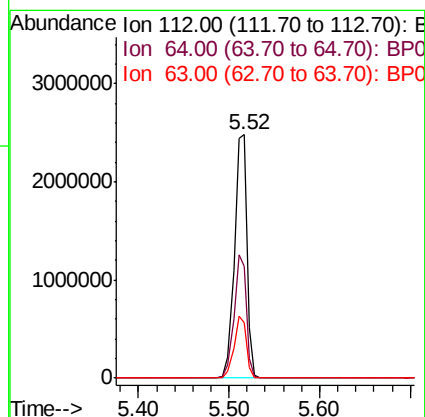
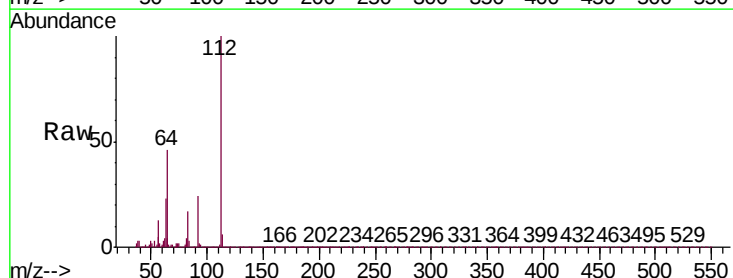
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.0	184.6
115	62.3	46.7	70.1

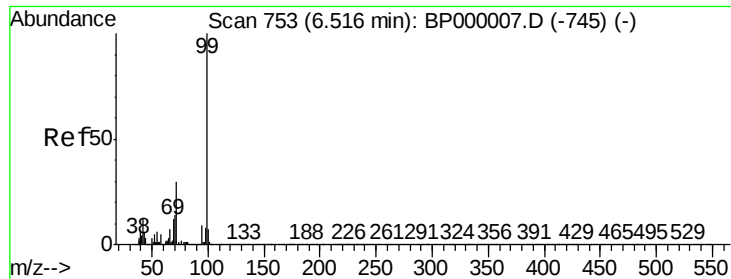


#5

2-Fluorophenol
Concen: 81.134 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.8	41.8	62.8
63	23.0	21.0	31.4





#7

Phenol-d6

Concen: 84.270 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000059.D

Acq: 04 Sep 2019 12:10

Instrument :

BNA_P

ClientSampleId :

SB-2-(0-2)

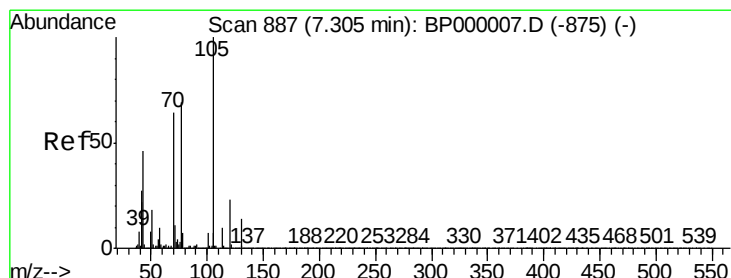
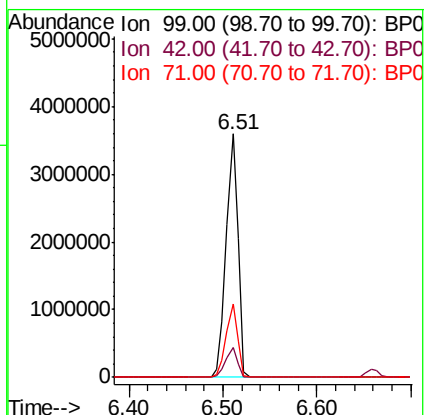
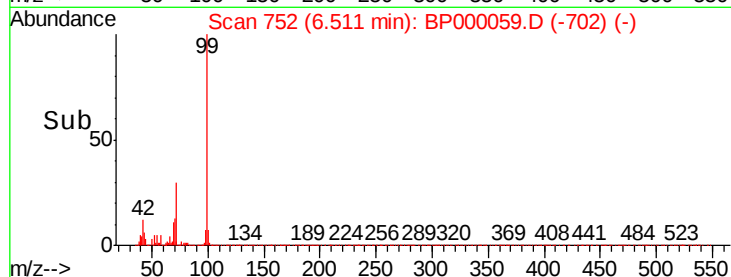
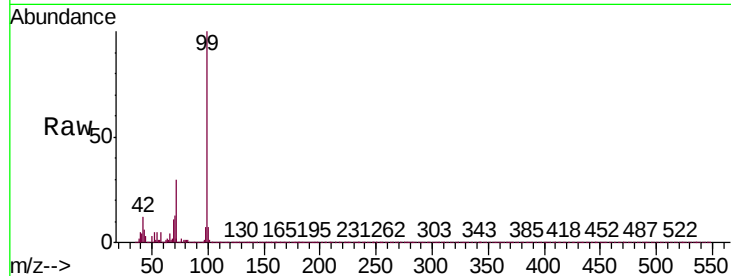
Tgt Ion: 99 Resp: 3168905

Ion Ratio Lower Upper

99 100

42 12.0 9.8 14.8

71 30.1 23.8 35.8



#19

n-Nitroso-di-n-propylamine

Concen: 10.377 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BP000059.D

Acq: 04 Sep 2019 12:10

Tgt Ion: 70 Resp: 222071

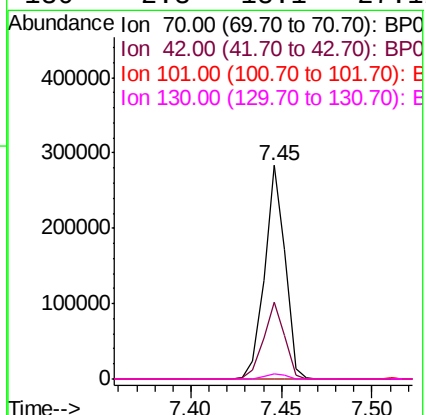
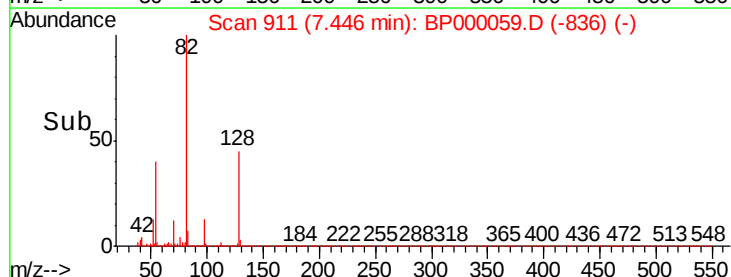
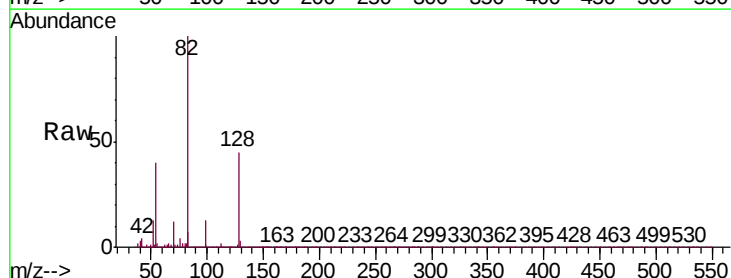
Ion Ratio Lower Upper

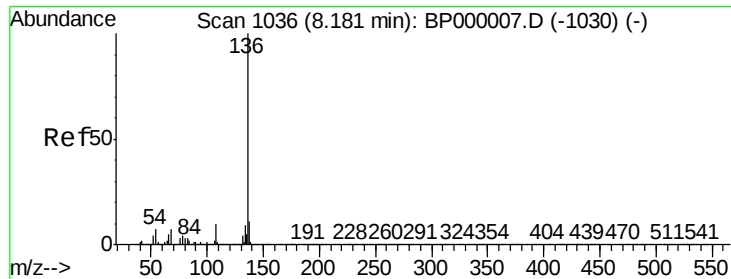
70 100

42 35.7 33.8 50.6

101 0.0 8.7 13.1#

130 2.3 18.1 27.1#

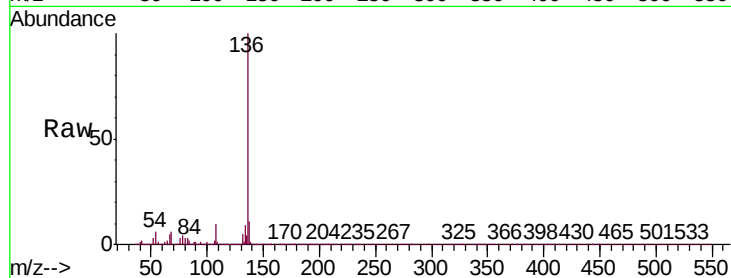




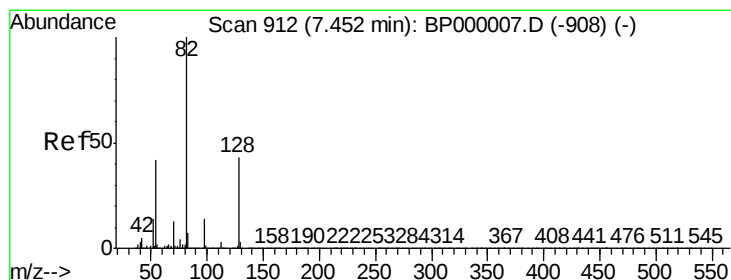
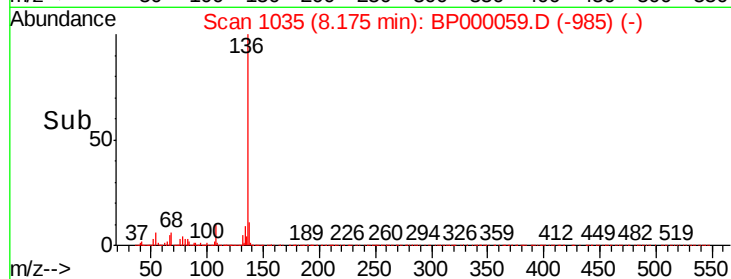
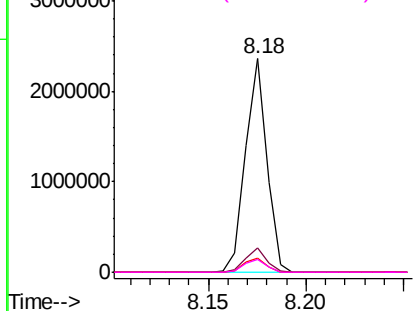
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

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Tgt Ion:	136	Resp:	1784474
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.4	5.4	8.2
68	6.2	5.4	8.0

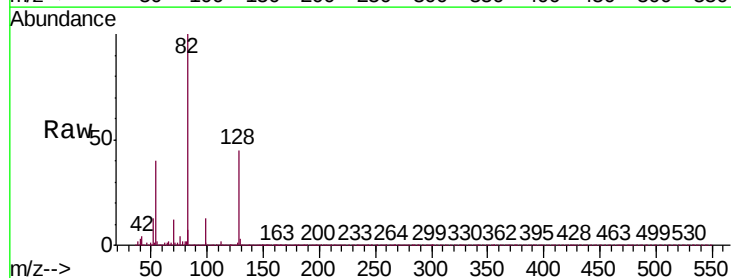


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

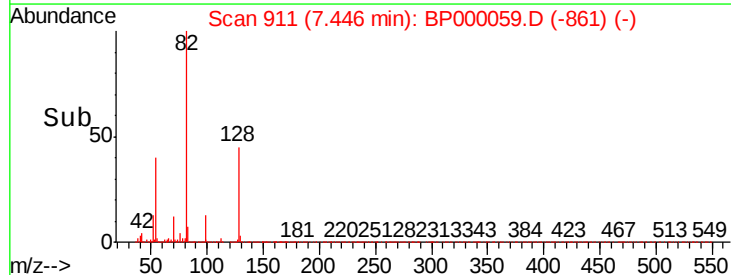
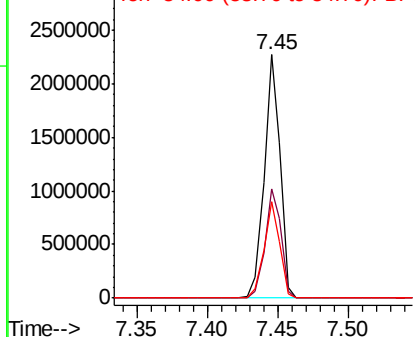


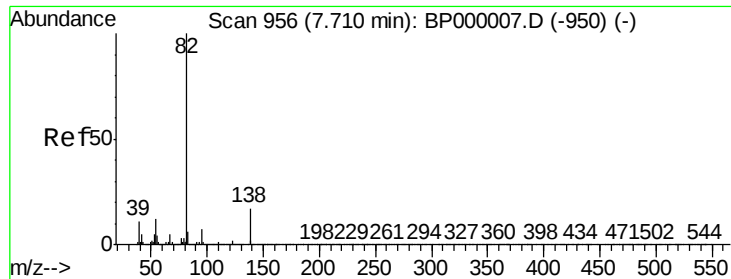
#23
Nitrobenzene-d5
Concen: 62.223 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Tgt Ion:	82	Resp:	1809564
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.5	51.7
54	39.5	33.2	49.8



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 29.419 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BP000059.D

Acq: 04 Sep 2019 12:10

Instrument :

BNA_P

ClientSampleId :

SB-2-(0-2)

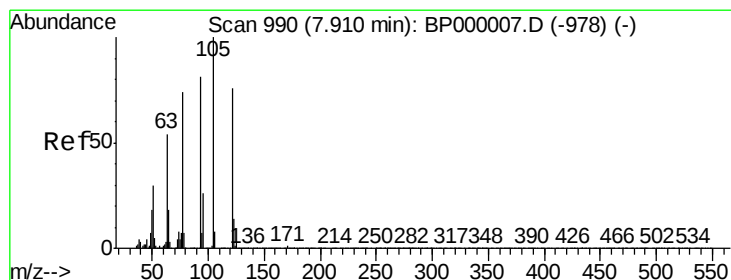
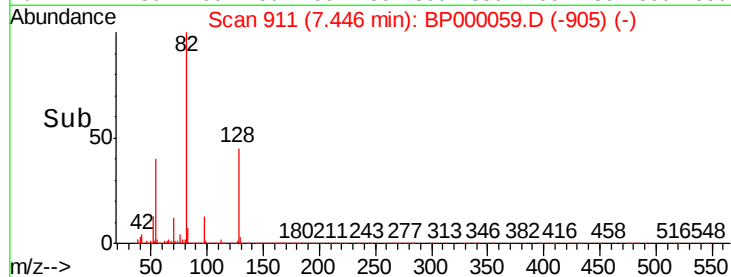
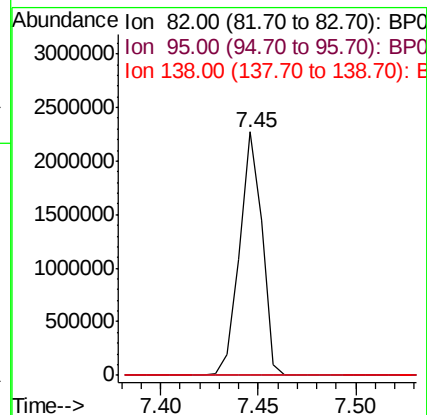
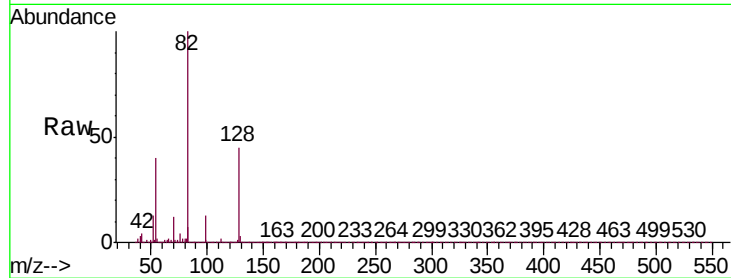
Tgt Ion: 82 Resp: 1807744

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.8 20.6#



#32

Benzoic acid

Concen: 8.078 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.21 min

Lab File: BP000059.D

Acq: 04 Sep 2019 12:10

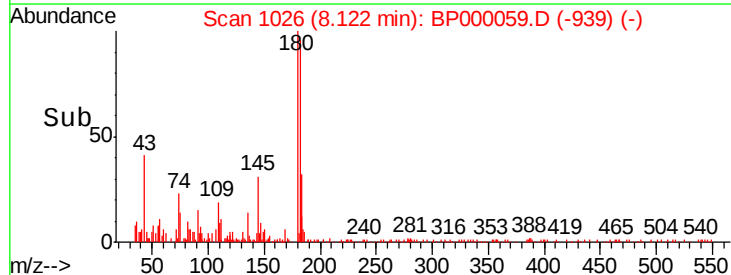
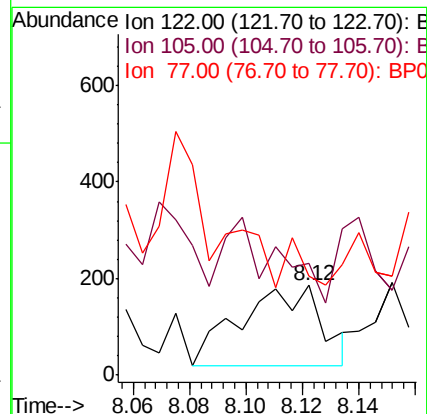
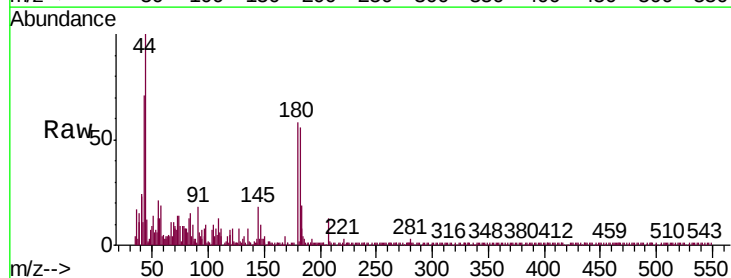
Tgt Ion: 122 Resp: 332

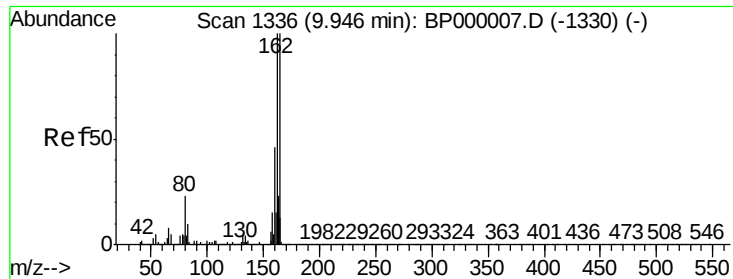
Ion Ratio Lower Upper

122 100

105 124.7 104.6 144.6

77 110.2 74.1 114.1

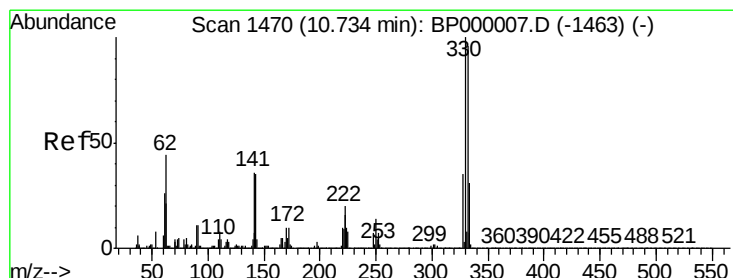
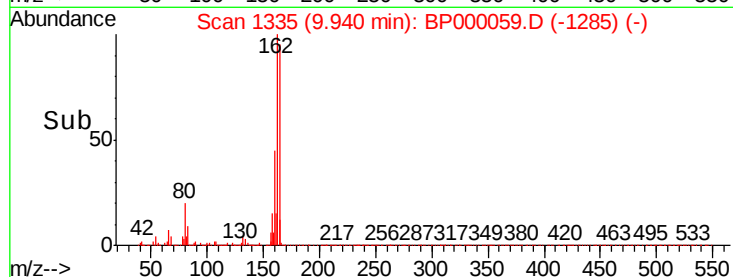
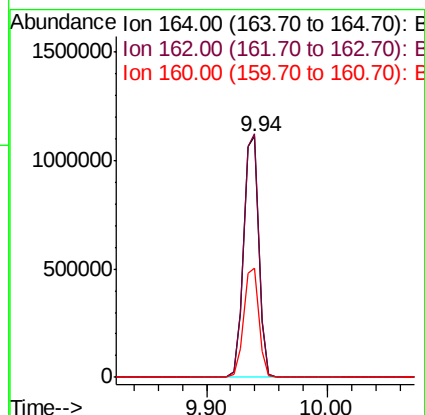
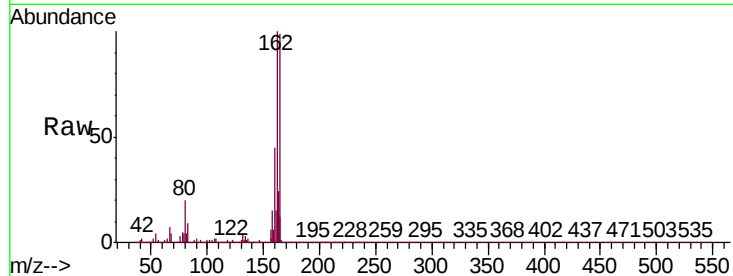




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

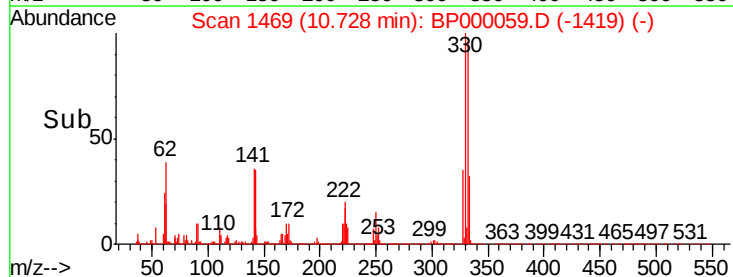
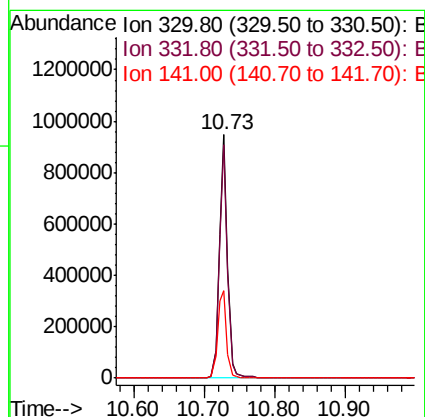
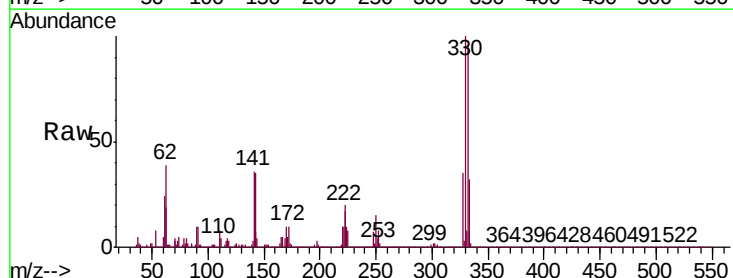
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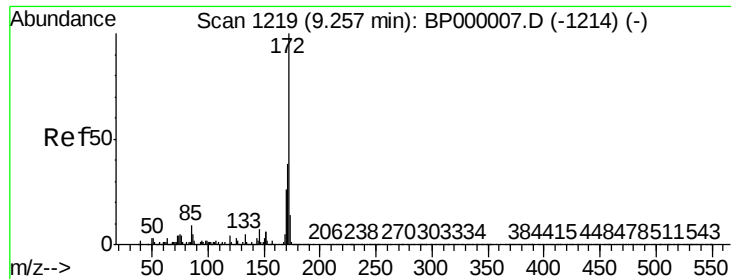
Tgt Ion:164 Resp: 977874
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.4
160 45.5 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 93.623 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Tgt Ion:330 Resp: 771691
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 39.8 33.6 50.4

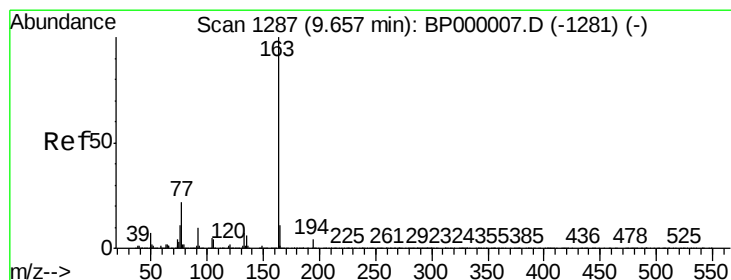
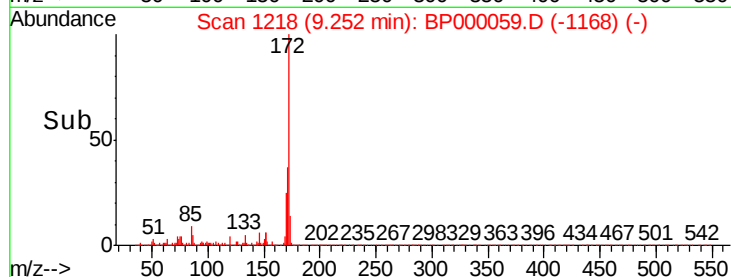
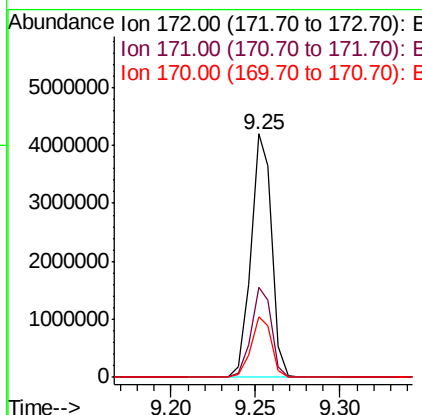
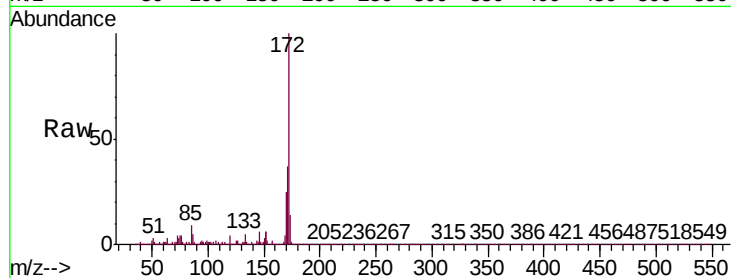




#45
2-Fluorobiphenyl
Concen: 61.451 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

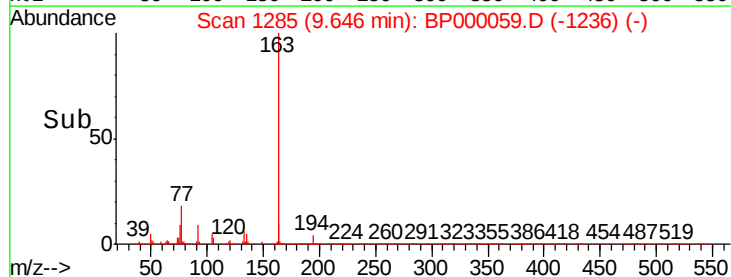
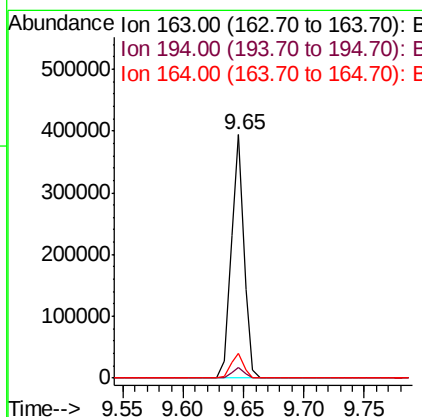
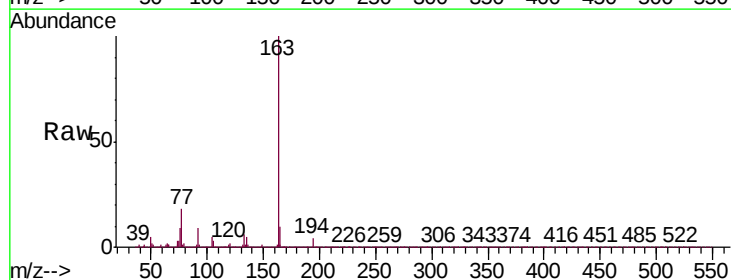
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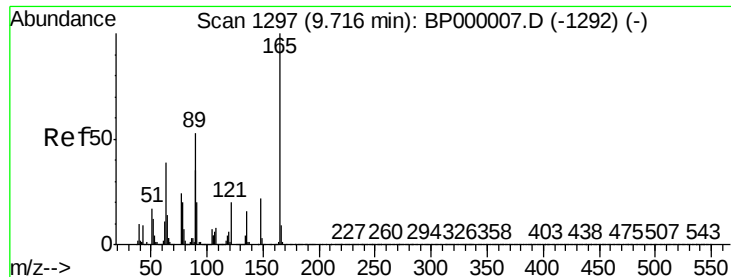
Tgt Ion:172 Resp: 3598307
Ion Ratio Lower Upper
172 100
171 37.0 30.7 46.1
170 24.9 20.7 31.1



#50
Dimethylphthalate
Concen: 4.305 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Tgt Ion:163 Resp: 286864
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.4 12.6

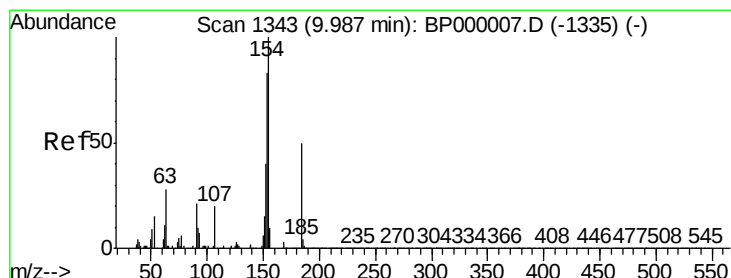
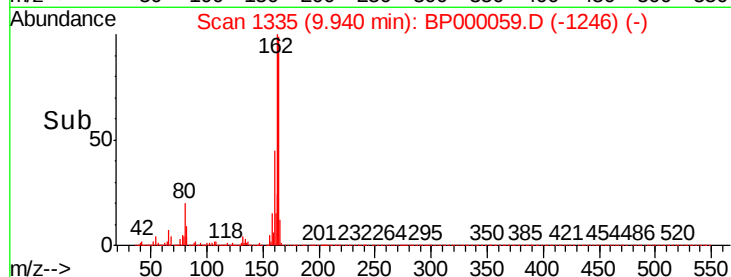
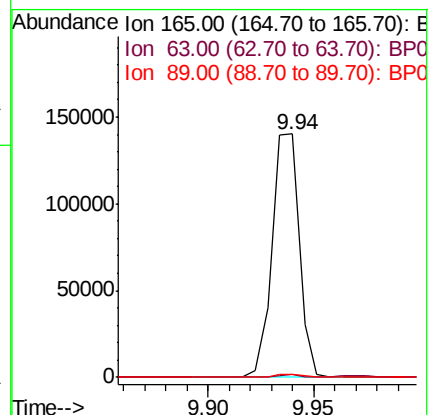
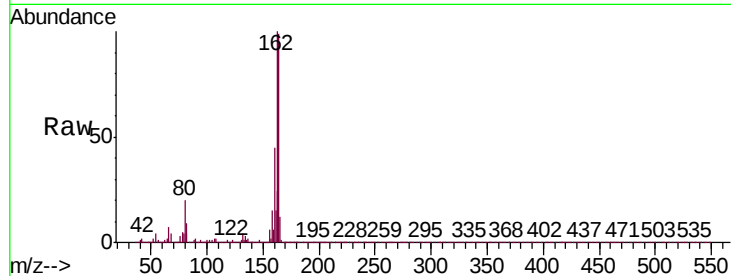




#51
 2,6-Dinitrotoluene
 Concen: 8.881 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BP000059.D
 Acq: 04 Sep 2019 12:10

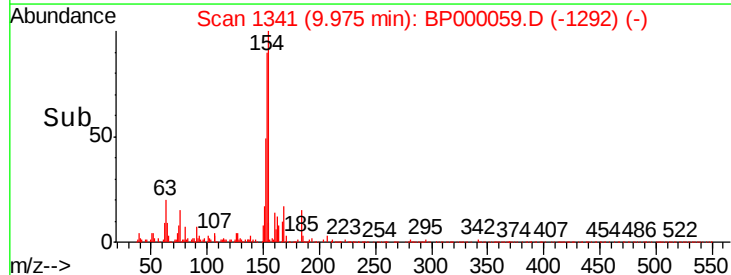
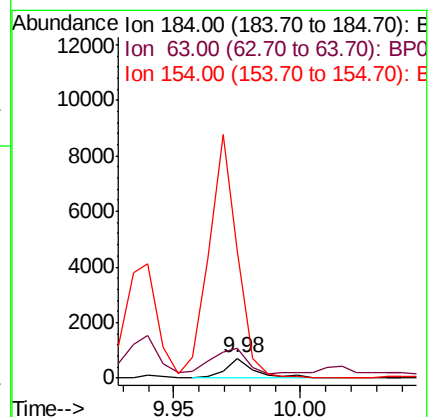
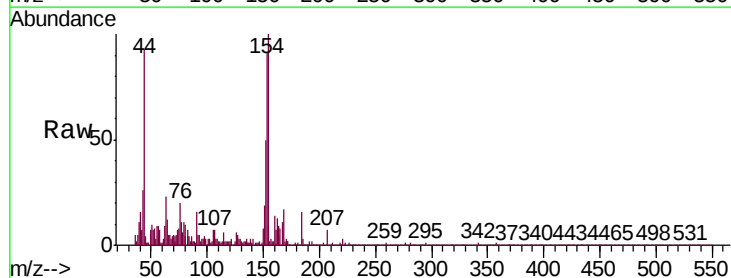
Instrument :
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 ClientSampleId :
 SB-2-(0-2)

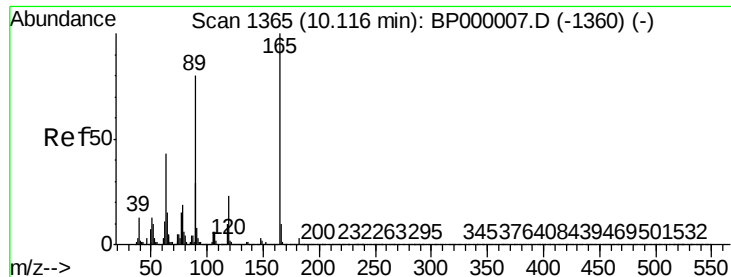
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125617		
63	1.1	35.8	53.6#	
89	1.4	42.2	63.4#	



#54
 2,4-Dinitrophenol
 Concen: 8.739 ng
 RT: 9.98 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BP000059.D
 Acq: 04 Sep 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	540		
63	146.7	46.0	69.0#	
154	640.2	161.9	242.9#	

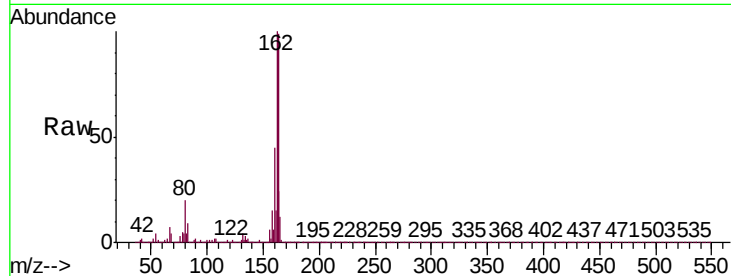




#57
2,4-Dinitrotoluene
Concen: 6.957 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Instrument :
BNA_P
ClientSampleId :
SB-2-(0-2)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.4	51.6#
89	1.4	64.3	96.5#
182	0.0	2.2	3.4#

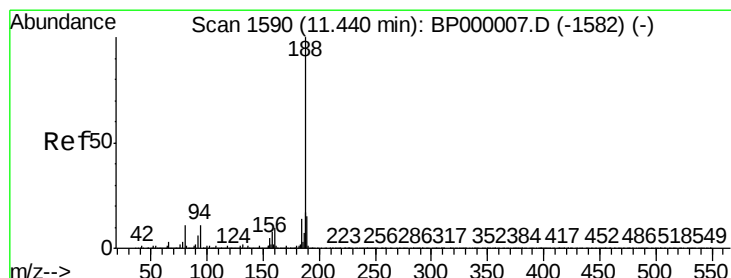
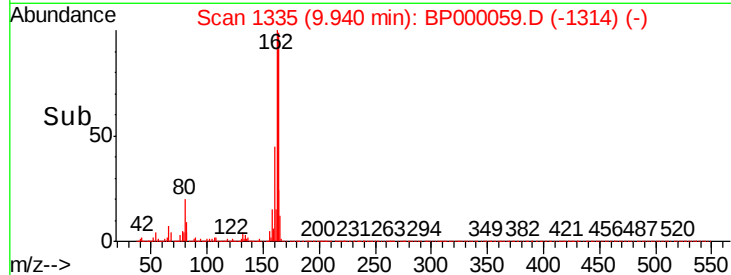
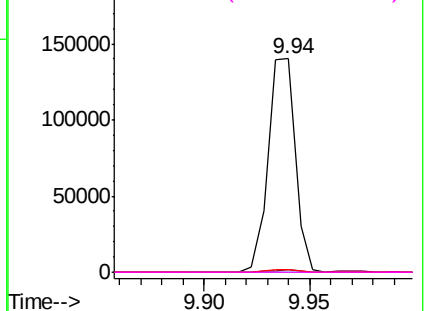


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

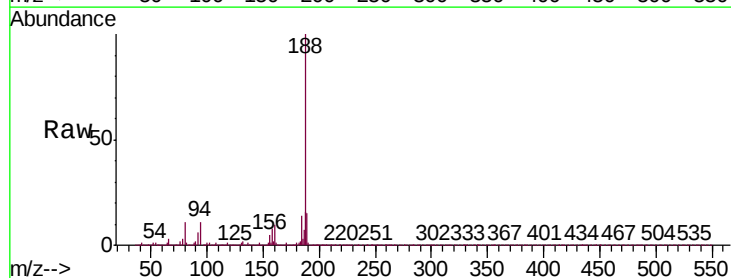
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

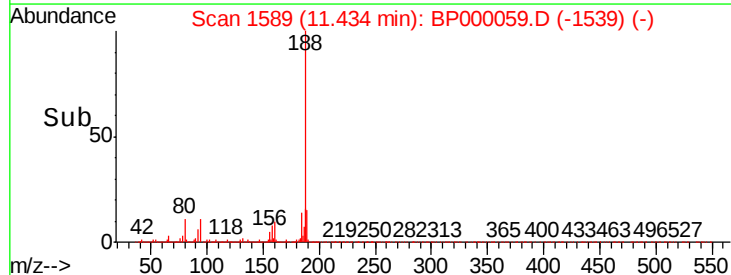
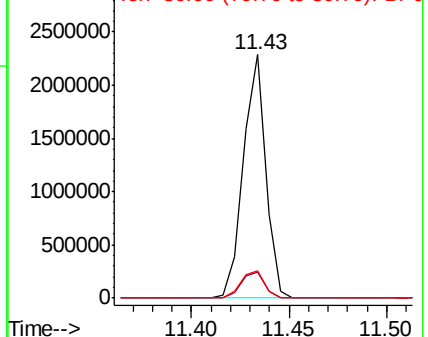
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.8	13.2
80	11.1	9.0	13.6

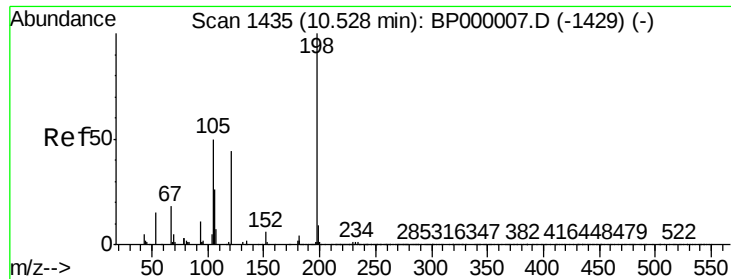


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

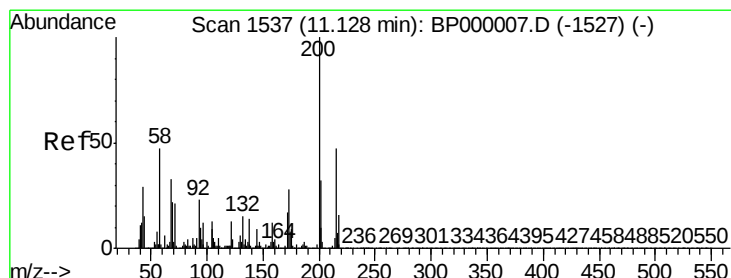
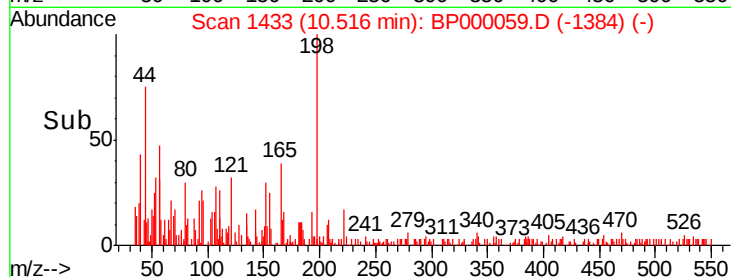
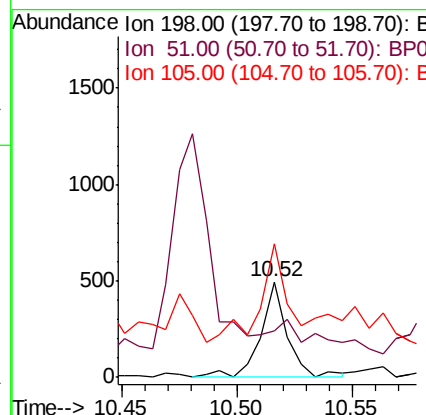
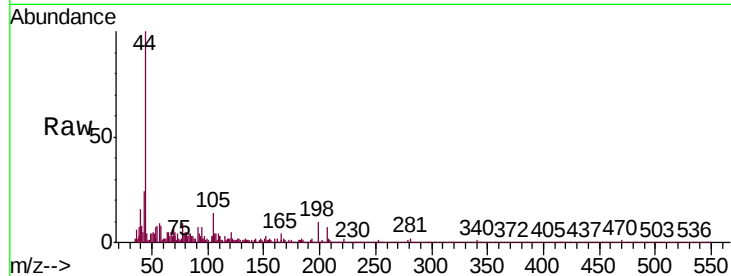




#65
4,6-Dinitro-2-methylphenol
Concen: 7.773 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

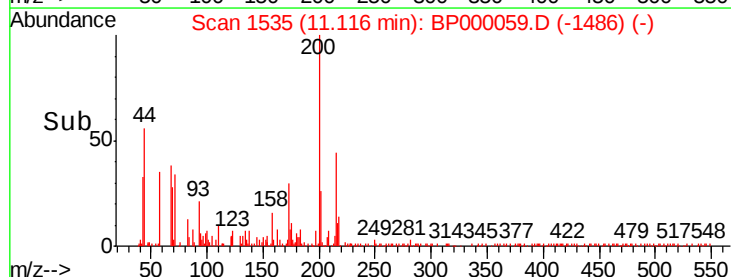
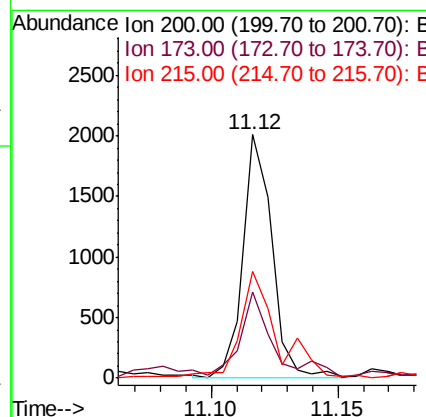
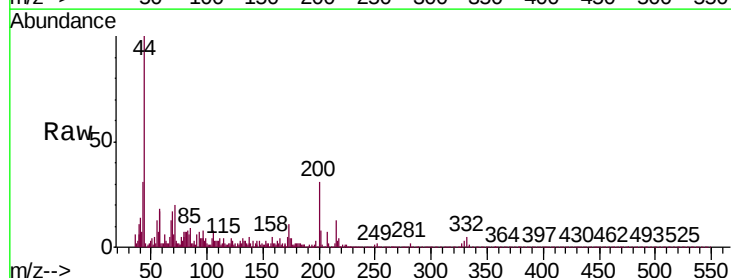
Instrument :
BNA_P
ClientSampleId :
SB-2-(0-2)

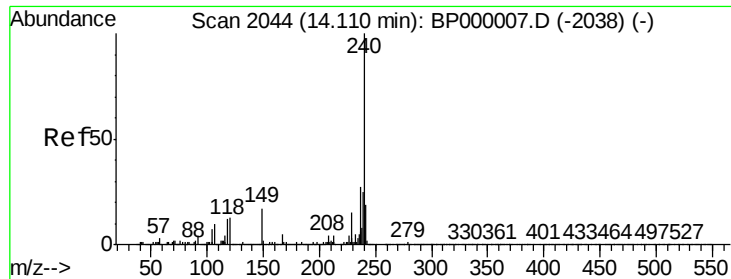
Tgt Ion:198 Resp: 405
Ion Ratio Lower Upper
198 100
51 48.6 22.1 62.1
105 140.1 32.0 72.0#



#69
Atrazine
Concen: Below Cal
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Tgt Ion:200 Resp: 1596
Ion Ratio Lower Upper
200 100
173 35.3 8.1 48.1
215 43.8 26.7 66.7

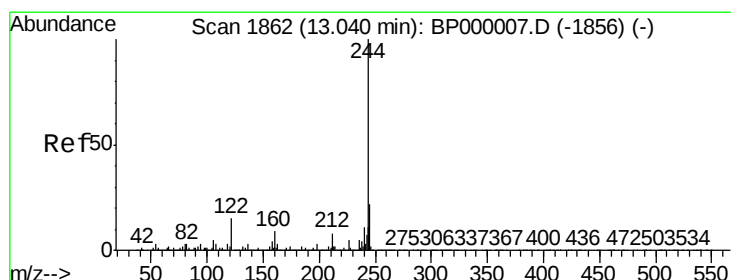
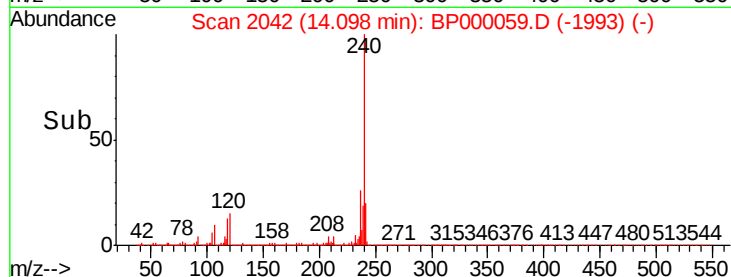
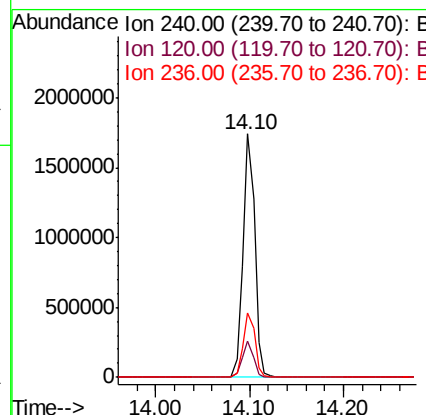
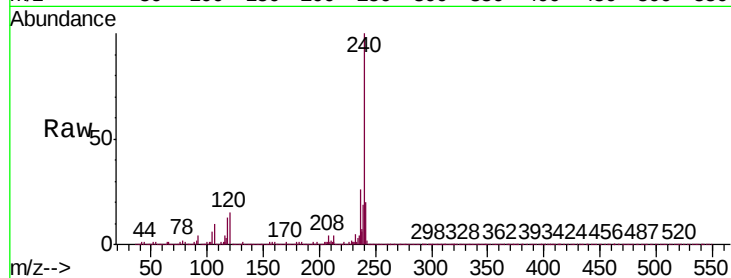




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

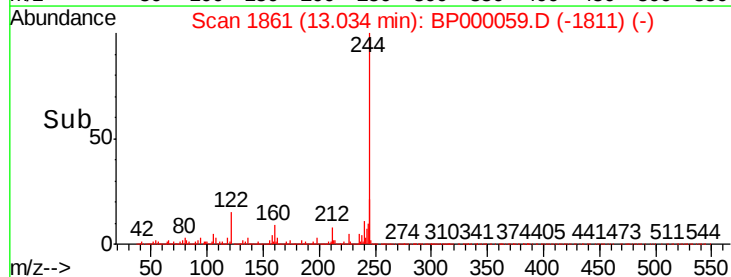
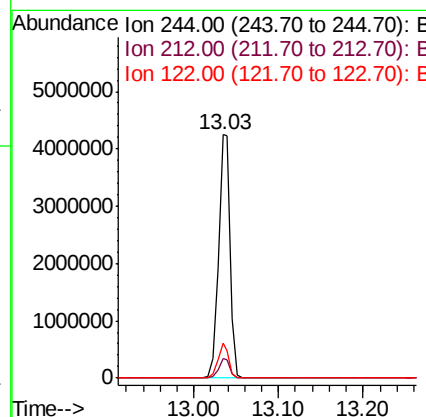
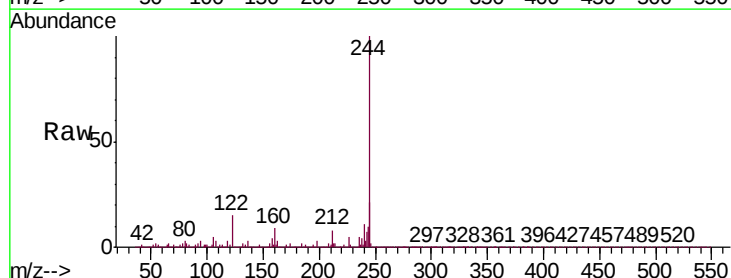
Instrument :
BNA_P
ClientSampleId :
SB-2-(0-2)

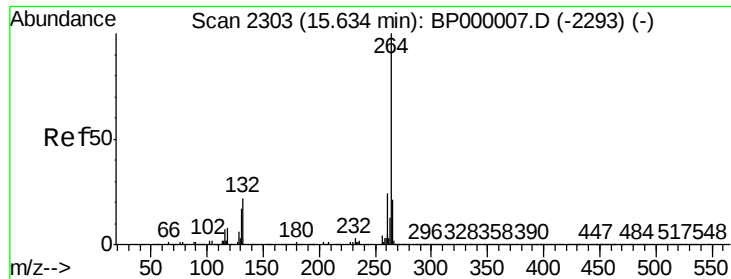
Tgt Ion:240 Resp: 1504613
Ion Ratio Lower Upper
240 100
120 14.7 10.5 15.7
236 26.3 21.5 32.3



#79
Terphenyl-d14
Concen: 60.886 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Tgt Ion:244 Resp: 4203048
Ion Ratio Lower Upper
244 100
212 8.1 6.6 10.0
122 14.6 12.3 18.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Instrument :
BNA_P
ClientSampleId :
SB-2-(0-2)

Tgt Ion: 264 Resp: 1620992

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.1	17.1	25.7

