

Data File : BP000062.D
Acq On : 04 Sep 2019 13:23
Operator : HP/JU
Sample : K4554-59
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-16-(8-10)

Quant Time: Sep 05 05:49:16 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	457699	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1703737	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	932879	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1737228	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1443281	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1504734	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2642306	92.06	ng	0.00
7) Phenol-d6	6.51	99	3428161	94.61	ng	0.00
23) Nitrobenzene-d5	7.45	82	1851868	66.69	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	821653	104.49	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3787496	67.80	ng	0.00
79) Terphenyl-d14	13.04	244	4198054	63.40	ng	0.00

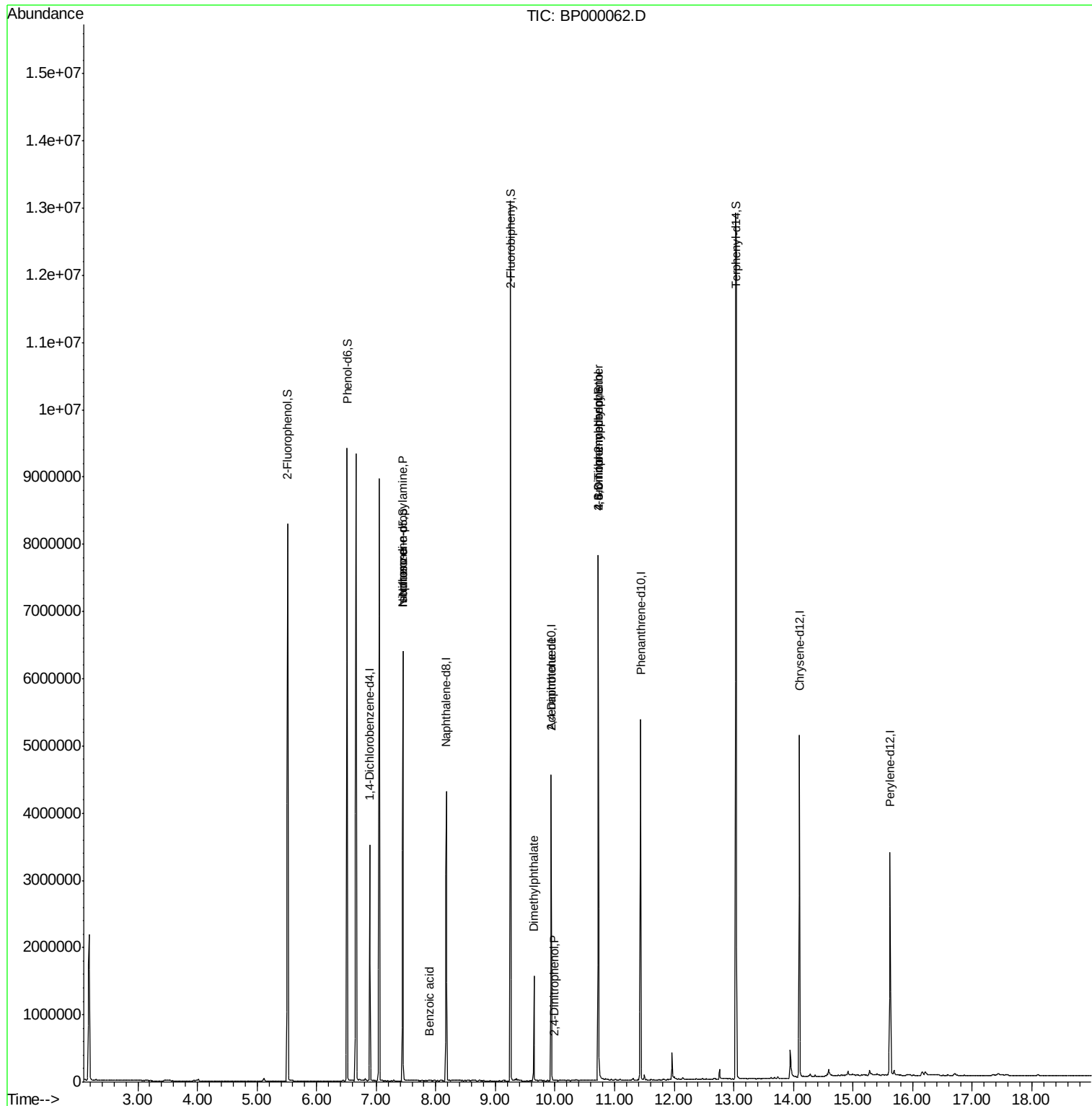
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.45	70	232495	11.274	ng	# 78
25) Isophorone	7.45	82	1851500	31.559	ng	# 66
32) Benzoic acid	7.89	122	90	8.067	ng	# 9
50) Dimethylphthalate	9.65	163	518722	8.160	ng	99
54) 2,4-Dinitrophenol	9.98	184	95	8.665	ng	# 71
57) 2,4-Dinitrotoluene	9.93	165	121357	7.045	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.73	198	2603	8.051	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	59731	3.383	ng	# 1
69) Atrazine	11.00	200	16	Below Cal		86

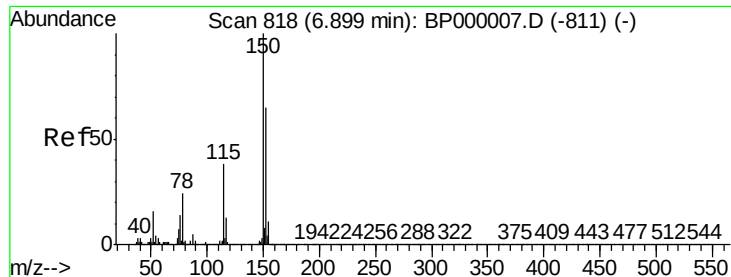
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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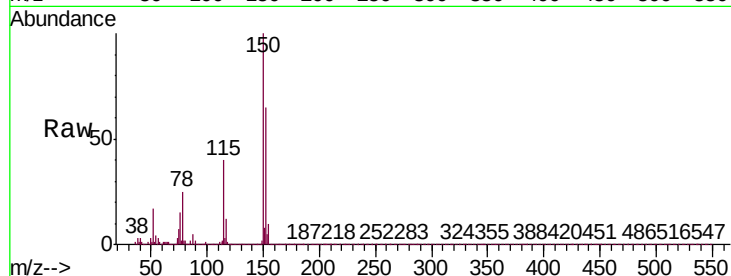


#1

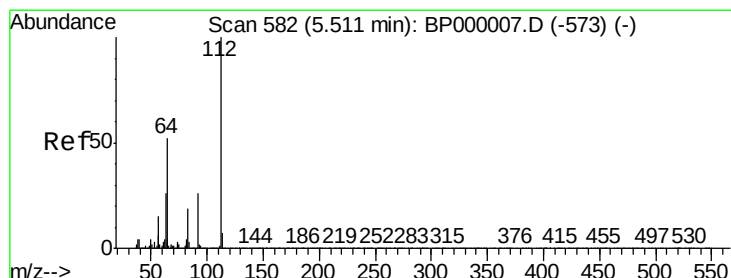
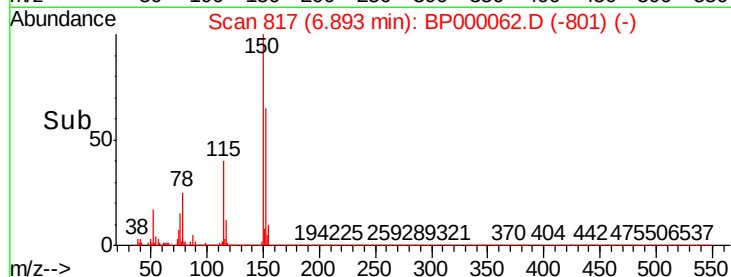
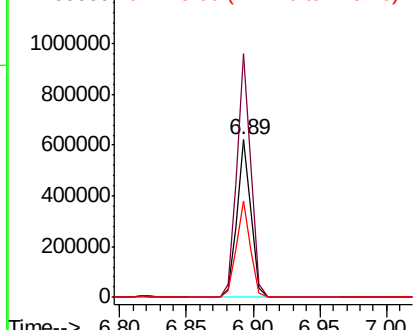
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000062.D
Acq: 04 Sep 2019 13:23

Instrument :
BNA_P
ClientSampleId :
SB-16-(8-10)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.6
115	61.1	46.7	70.1



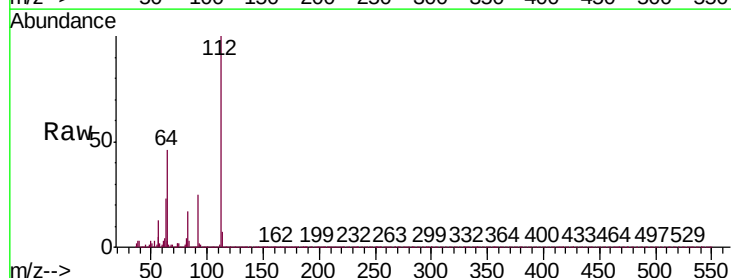
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



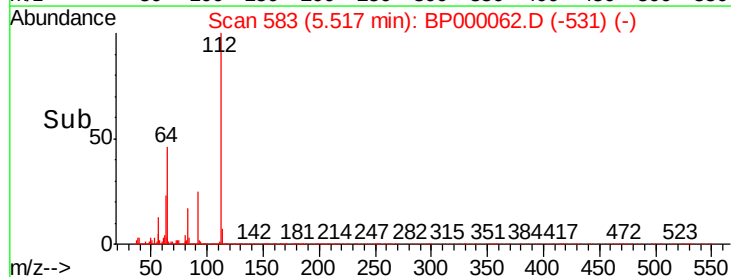
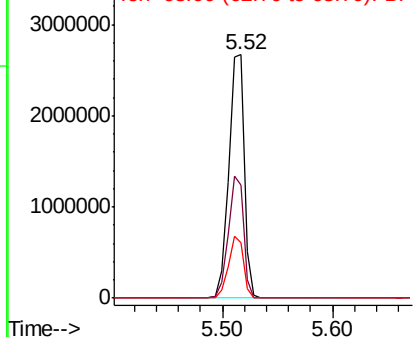
#5

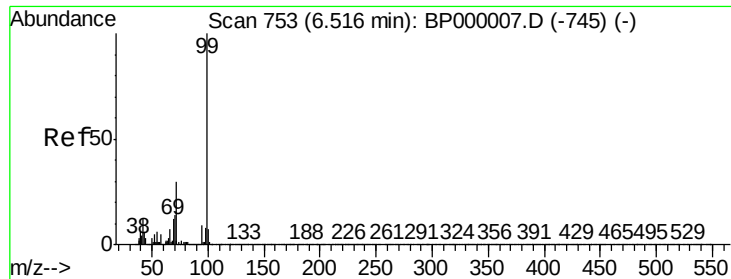
2-Fluorophenol
Concen: 92.058 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000062.D
Acq: 04 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.2	41.8	62.8
63	22.9	21.0	31.4



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: 94.610 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000062.D

Acq: 04 Sep 2019 13:23

Instrument :

BNA_P

ClientSampleId :

SB-16-(8-10)

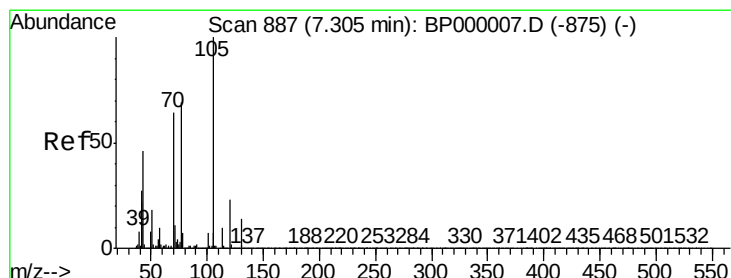
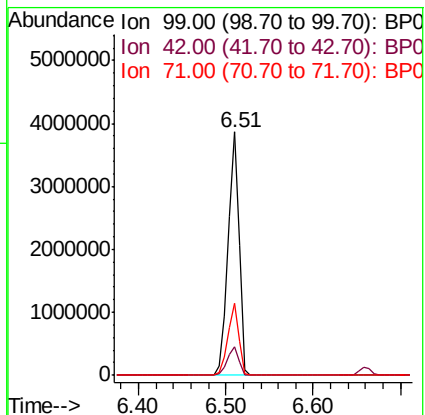
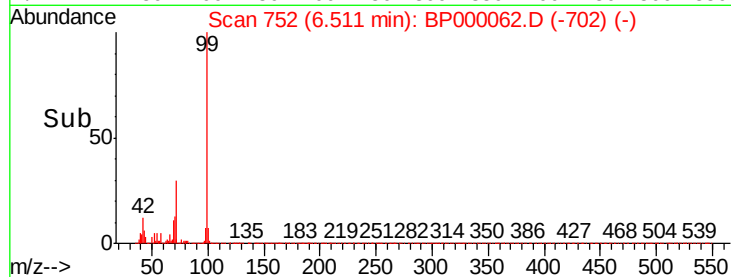
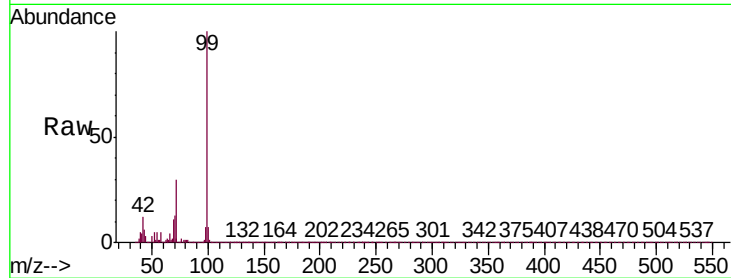
Tgt Ion: 99 Resp: 3428161

Ion Ratio Lower Upper

99 100

42 11.7 9.8 14.8

71 29.7 23.8 35.8



#19

n-Nitroso-di-n-propylamine

Concen: 11.274 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BP000062.D

Acq: 04 Sep 2019 13:23

Tgt Ion: 70 Resp: 232495

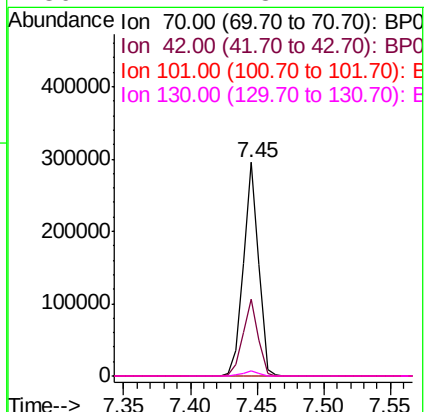
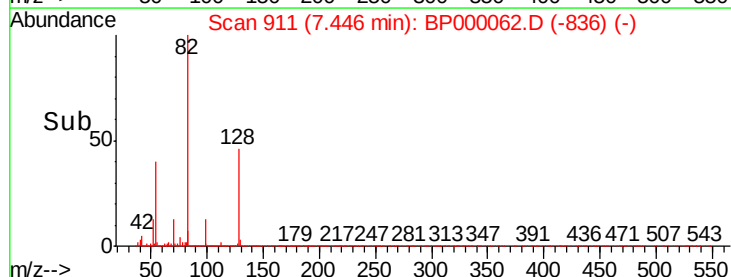
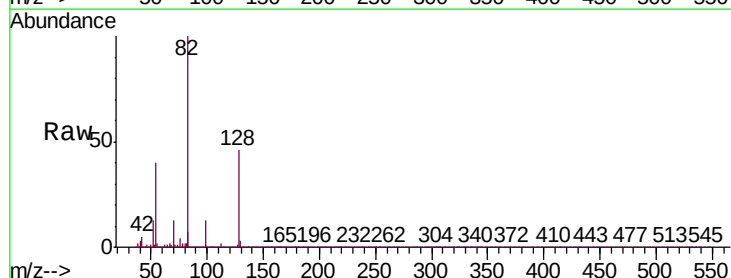
Ion Ratio Lower Upper

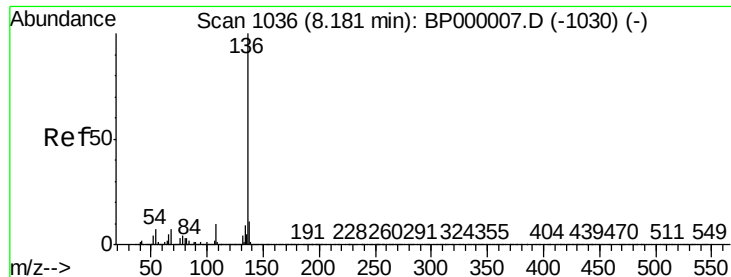
70 100

42 36.2 33.8 50.6

101 0.0 8.7 13.1#

130 2.4 18.1 27.1#

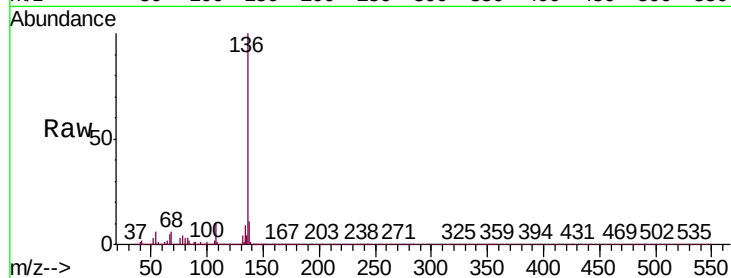




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000062.D
Acq: 04 Sep 2019 13:23

Instrument :
BNA_P
ClientSampleId :
SB-16-(8-10)

Tgt Ion:	136	Resp:	1703737
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.4	5.4	8.2
68	6.4	5.4	8.0



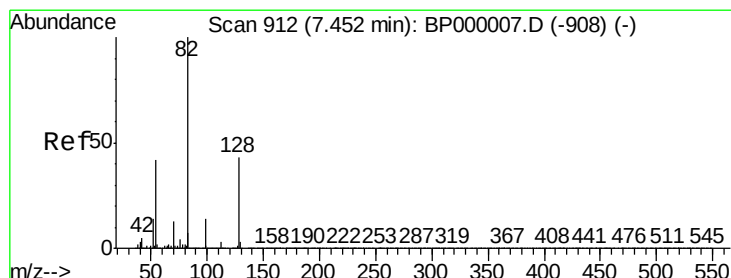
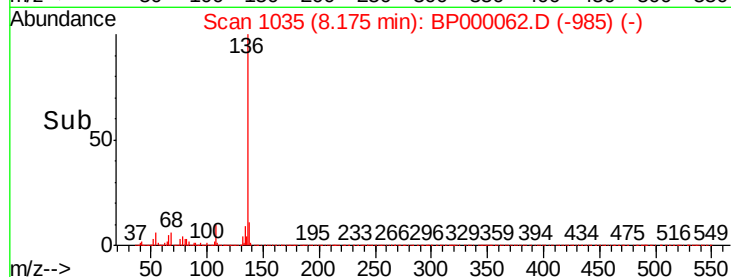
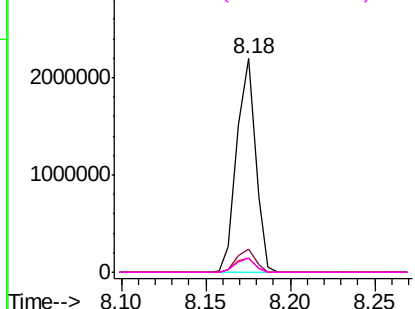
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

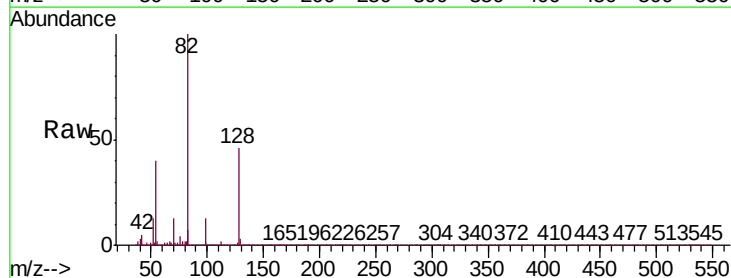
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23
Nitrobenzene-d5
Concen: 66.695 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000062.D
Acq: 04 Sep 2019 13:23

Tgt Ion:	82	Resp:	1851868
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.5	51.7
54	39.7	33.2	49.8

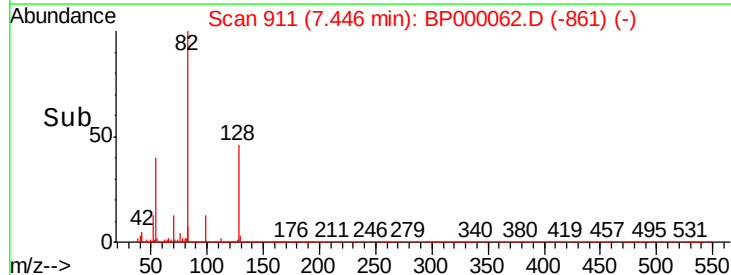
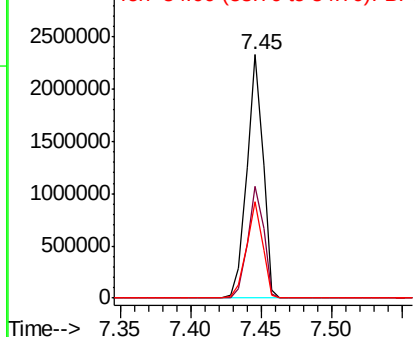


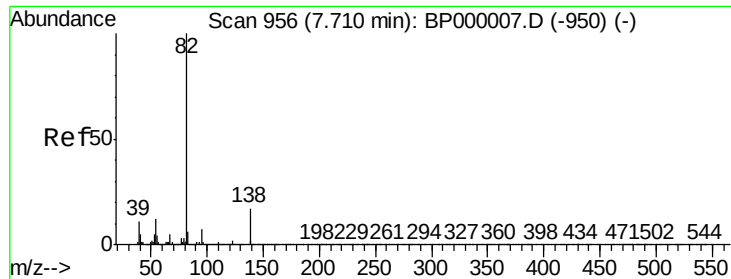
Abundance

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: 31.559 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BP000062.D

Acq: 04 Sep 2019 13:23

Instrument :

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ClientSampleId :

SB-16-(8-10)

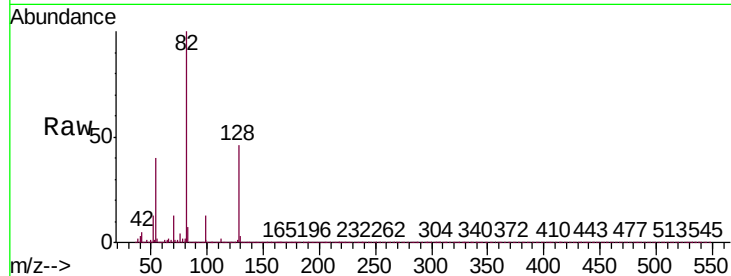
Tgt Ion: 82 Resp: 1851500

Ion Ratio Lower Upper

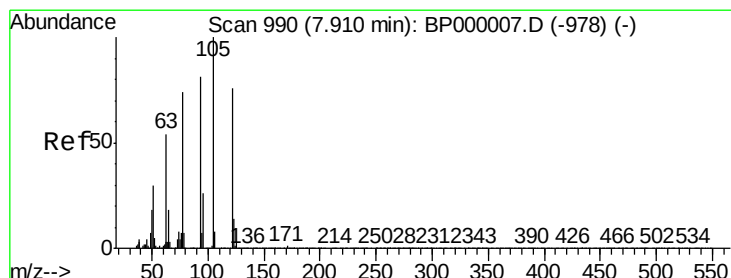
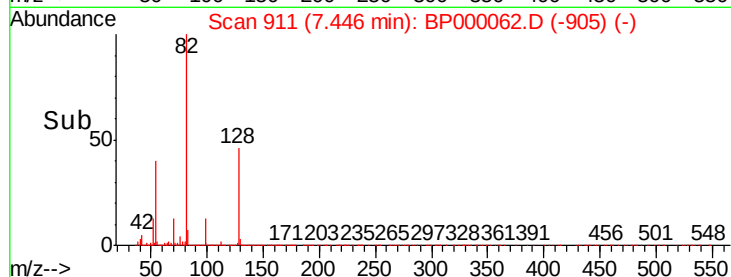
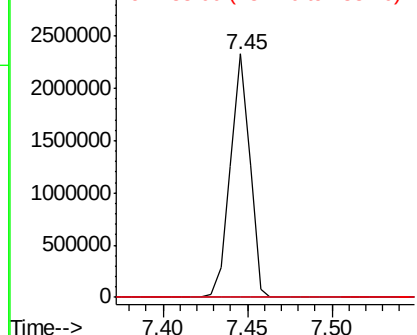
82 100

95 0.0 5.6 8.4#

138 0.0 13.8 20.6#



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#32

Benzoic acid

Concen: 8.067 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BP000062.D

Acq: 04 Sep 2019 13:23

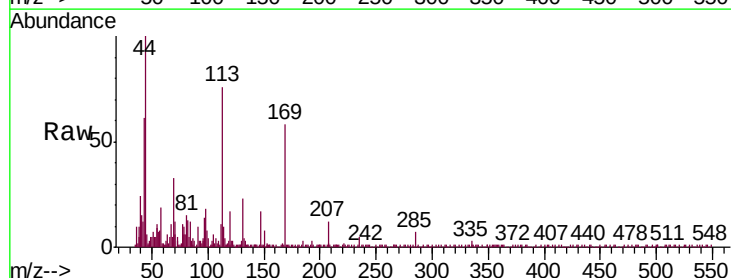
Tgt Ion: 122 Resp: 90

Ion Ratio Lower Upper

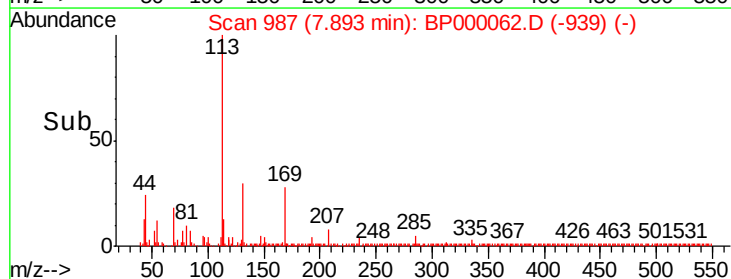
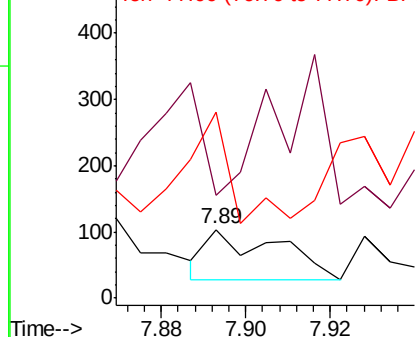
122 100

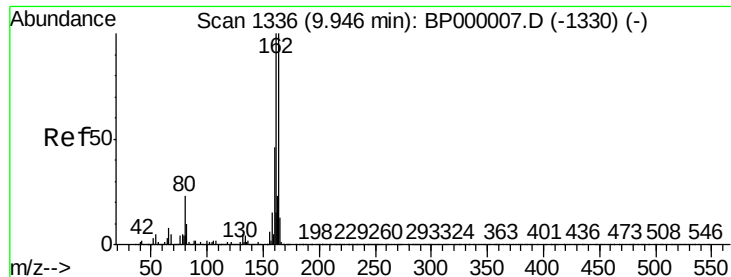
105 150.0 104.6 144.6#

77 270.2 74.1 114.1#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BP000062.D

Acq: 04 Sep 2019 13:23

Instrument :

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ClientSampleId :

SB-16-(8-10)

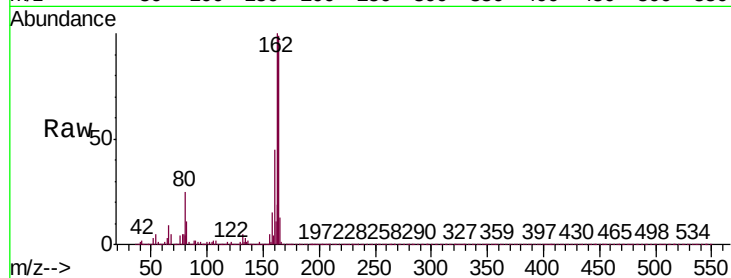
Tgt Ion:164 Resp: 932879

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.4

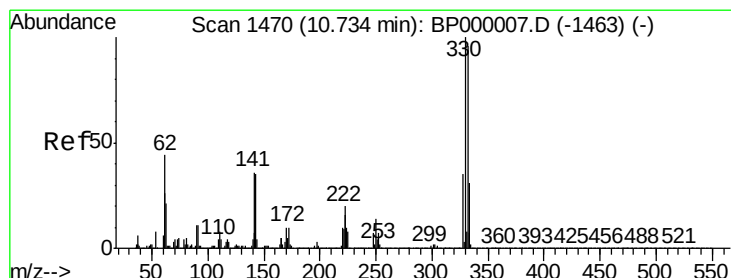
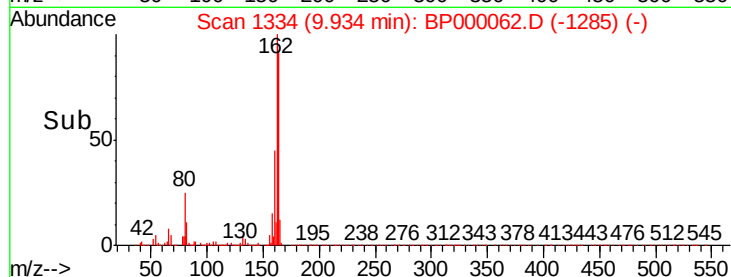
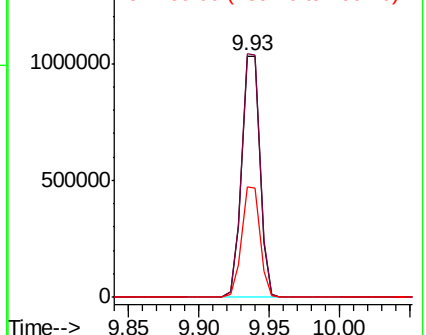
160 45.5 36.6 55.0



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: 104.493 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BP000062.D

Acq: 04 Sep 2019 13:23

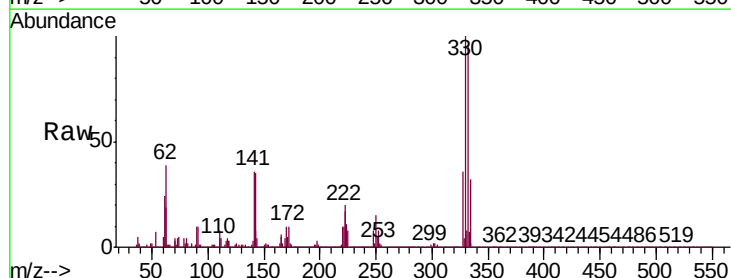
Tgt Ion:330 Resp: 821653

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

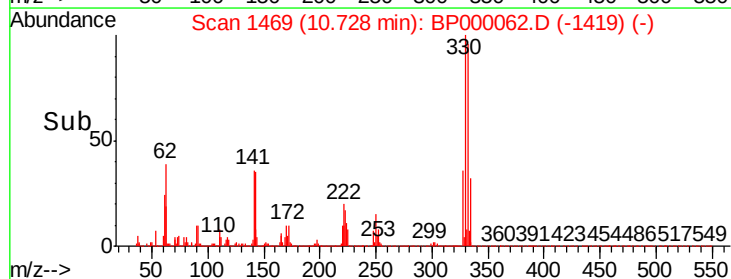
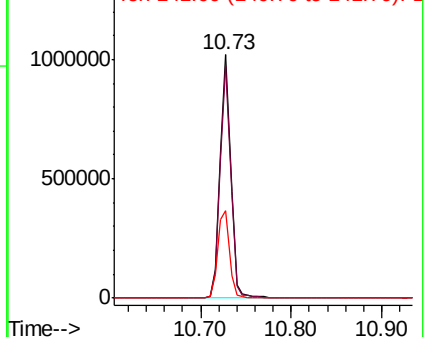
141 40.0 33.6 50.4

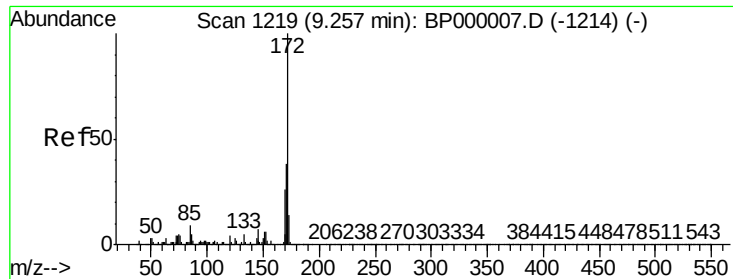


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

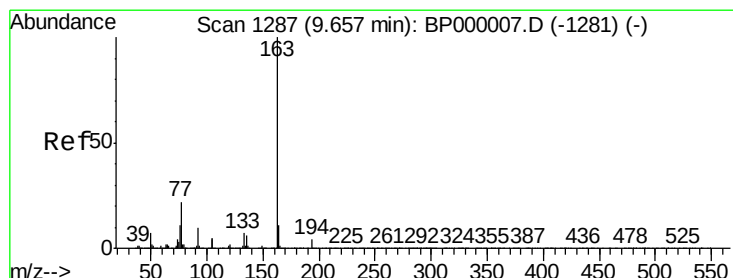
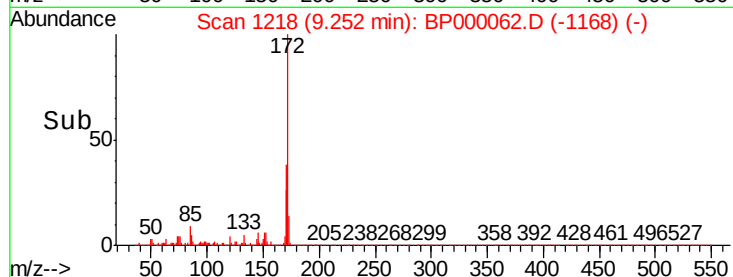
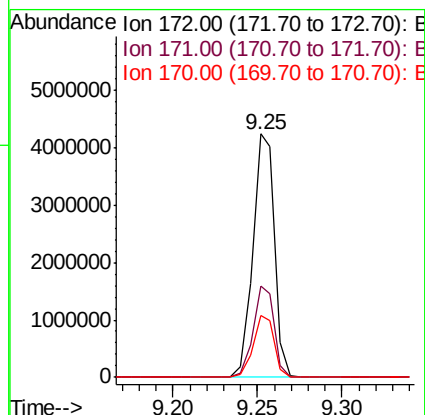
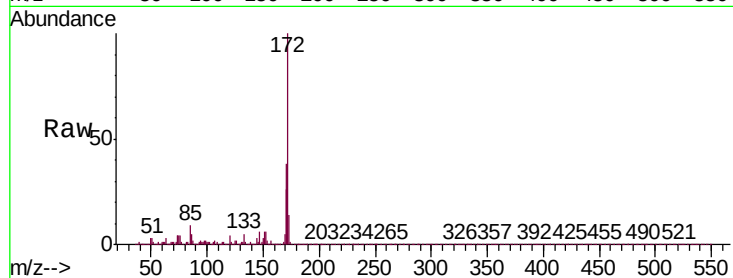




#45
2-Fluorobiphenyl
Concen: 67.802 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000062.D
Acq: 04 Sep 2019 13:23

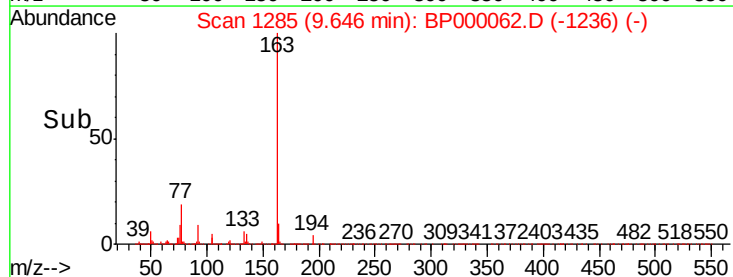
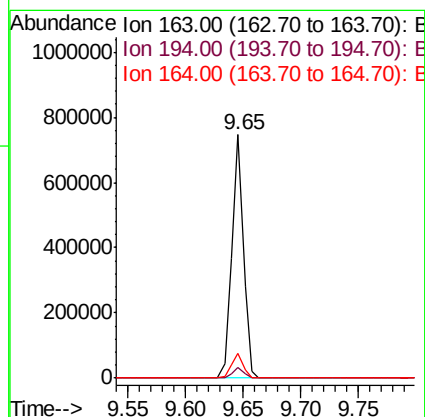
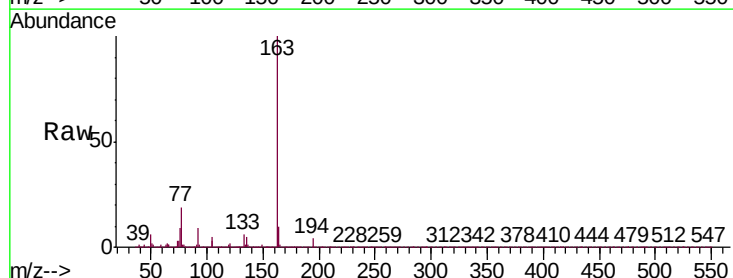
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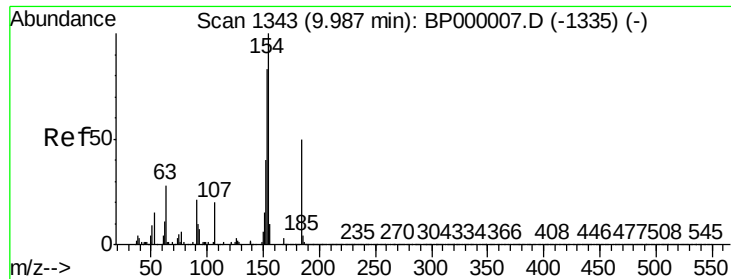
Tgt Ion:172 Resp: 3787496
Ion Ratio Lower Upper
172 100
171 37.6 30.7 46.1
170 25.5 20.7 31.1



#50
Dimethylphthalate
Concen: 8.160 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000062.D
Acq: 04 Sep 2019 13:23

Tgt Ion:163 Resp: 518722
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 8.4 12.6

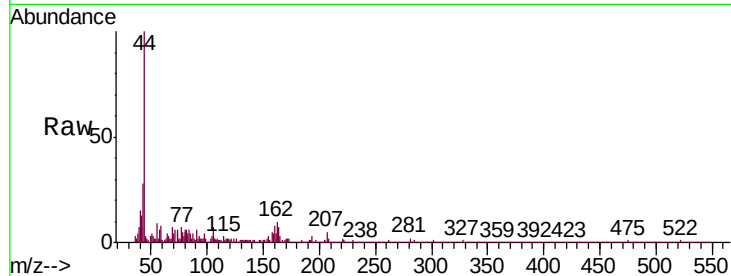




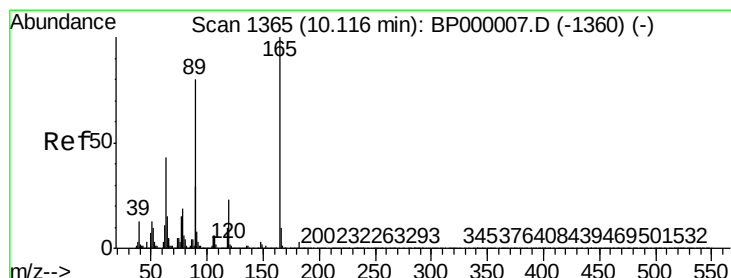
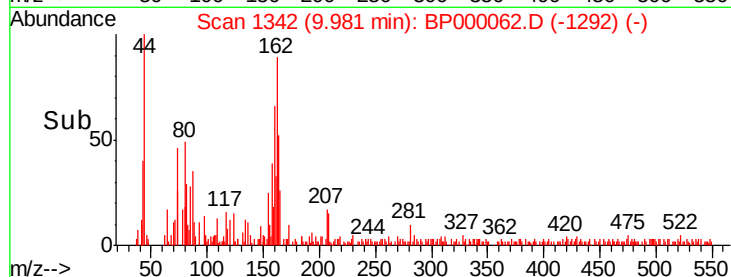
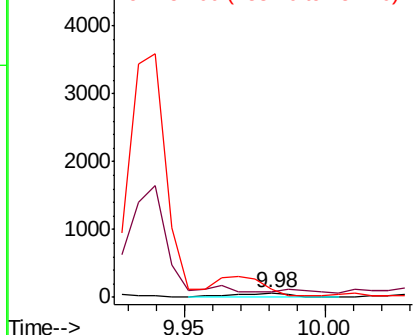
#54
2,4-Dinitrophenol
Concen: 8.665 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BP000062.D
Acq: 04 Sep 2019 13:23

Instrument :
BNA_P
ClientSampleId :
SB-16-(8-10)

Tgt Ion:184 Resp: 95
Ion Ratio Lower Upper
184 100
63 133.3 46.0 69.0#
154 190.9 161.9 242.9

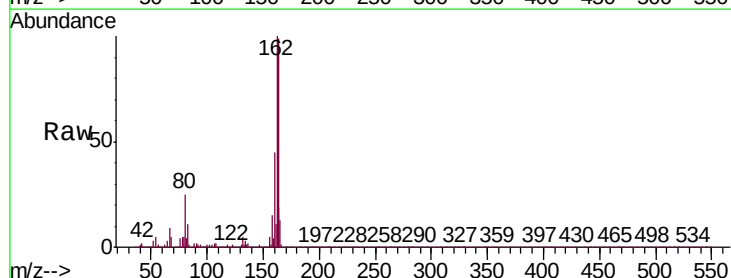


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

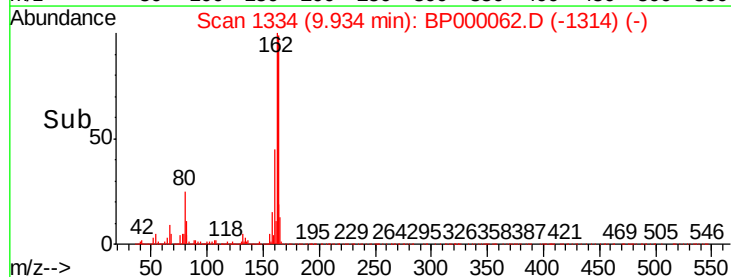
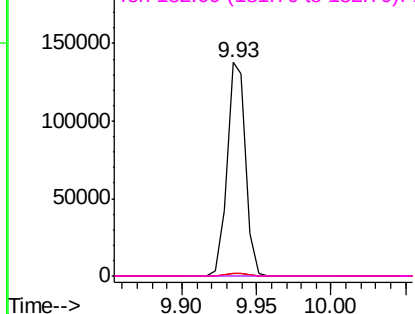


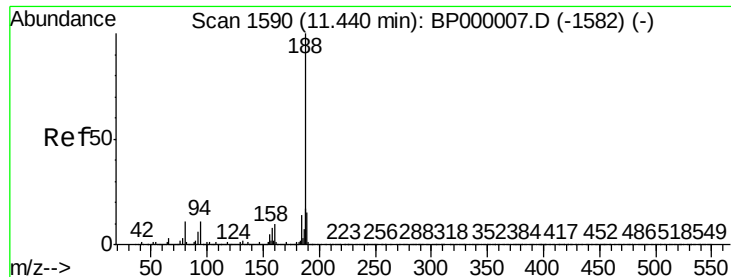
#57
2,4-Dinitrotoluene
Concen: 7.045 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BP000062.D
Acq: 04 Sep 2019 13:23

Tgt Ion:165 Resp: 121357
Ion Ratio Lower Upper
165 100
63 1.0 34.4 51.6#
89 1.2 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: BP000062.D

Acq: 04 Sep 2019 13:23

Instrument :

BNA_P

ClientSampleId :

SB-16-(8-10)

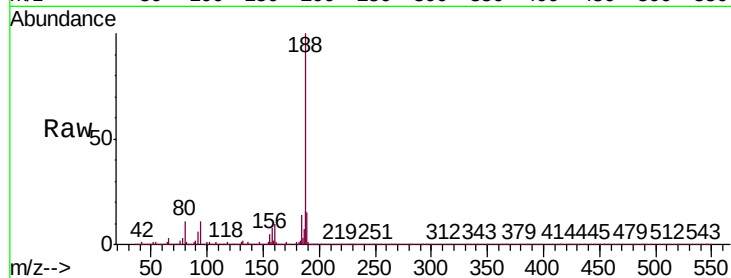
Tgt Ion:188 Resp: 1737228

Ion Ratio Lower Upper

188 100

94 10.8 8.8 13.2

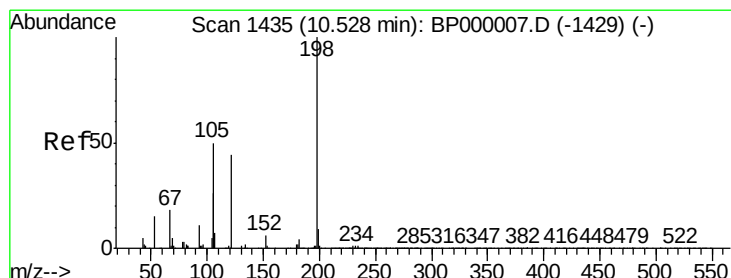
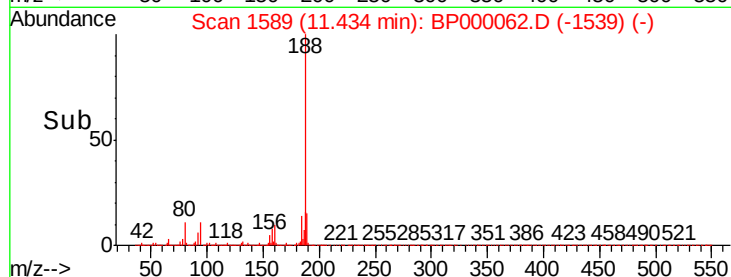
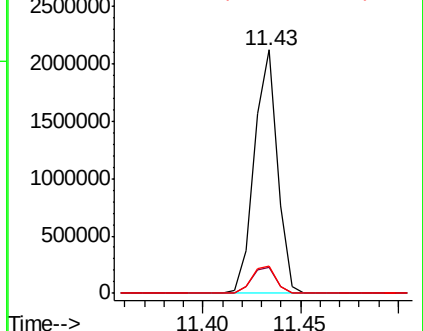
80 11.2 9.0 13.6



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: 8.051 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.20 min

Lab File: BP000062.D

Acq: 04 Sep 2019 13:23

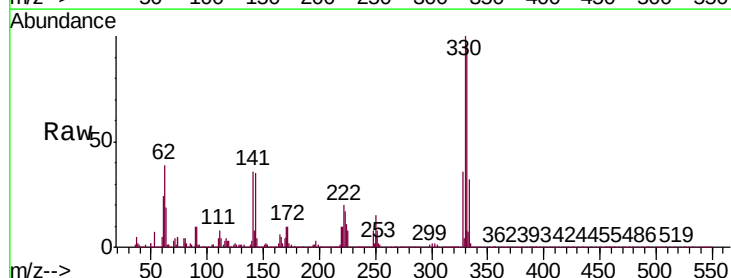
Tgt Ion:198 Resp: 2603

Ion Ratio Lower Upper

198 100

51 92.2 22.1 62.1#

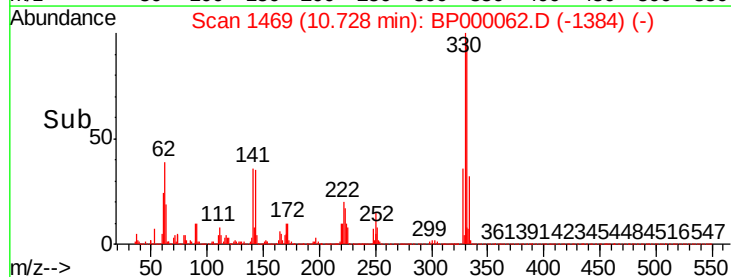
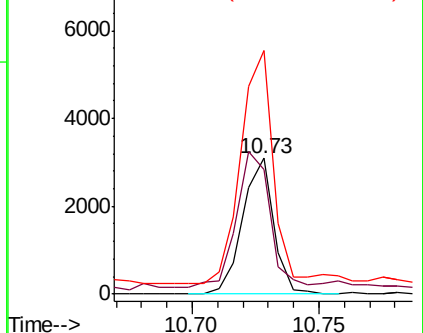
105 179.4 32.0 72.0#

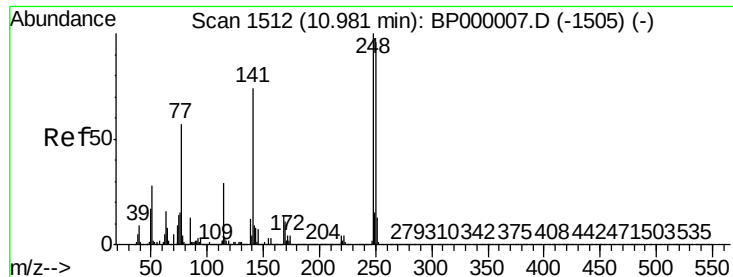


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

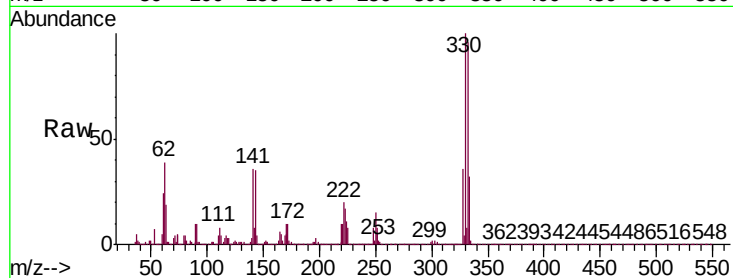




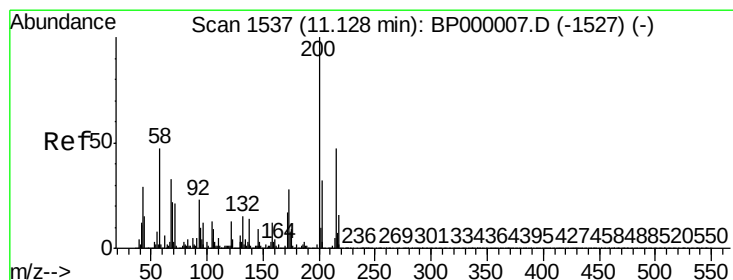
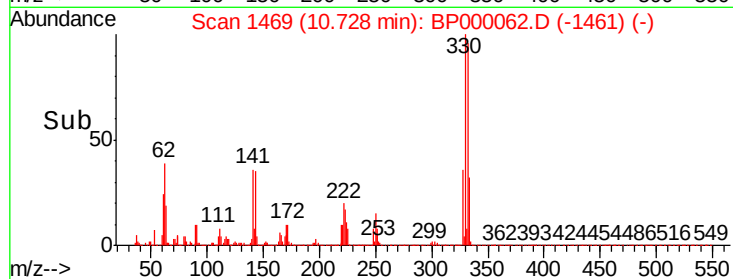
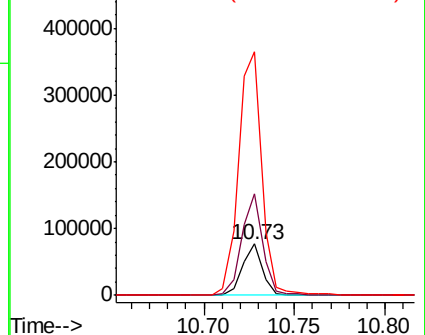
#67
4-Bromophenyl-phenylether
Concen: 3.383 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.25 min
Lab File: BP000062.D
Acq: 04 Sep 2019 13:23

Instrument :
BNA_P
ClientSampleId :
SB-16-(8-10)

Tgt Ion:248 Resp: 59731
Ion Ratio Lower Upper
248 100
250 199.5 77.1 115.7#
141 476.4 59.5 89.3#

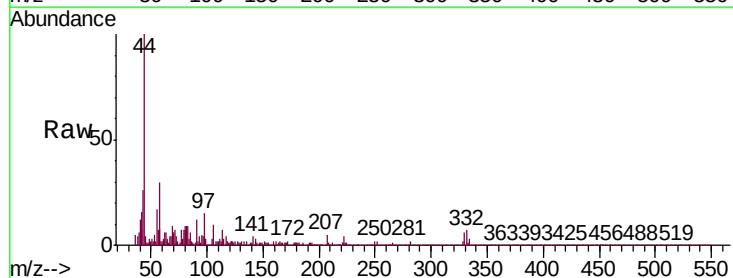


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

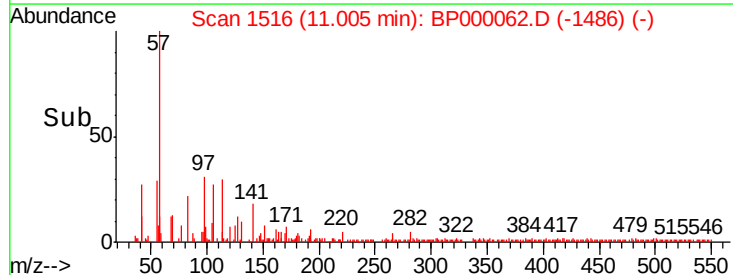
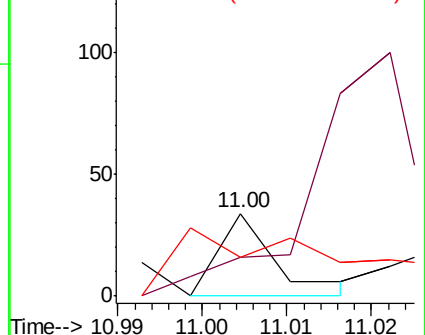


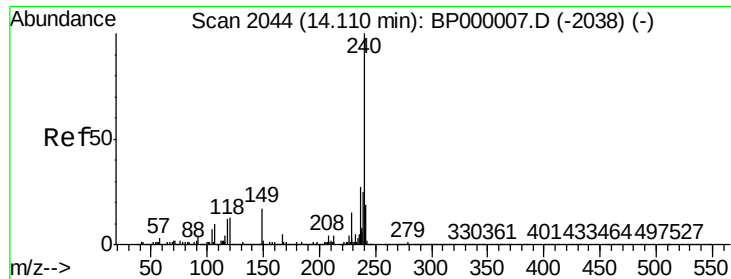
#69
Atrazine
Concen: Below Cal
RT: 11.00 min Scan# 1516
Delta R.T. -0.12 min
Lab File: BP000062.D
Acq: 04 Sep 2019 13:23

Tgt Ion:200 Resp: 16
Ion Ratio Lower Upper
200 100
173 47.1 8.1 48.1
215 47.1 26.7 66.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

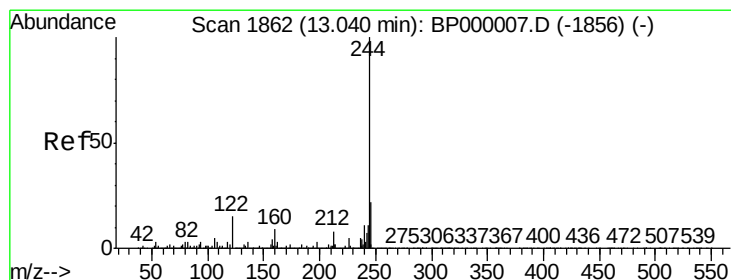
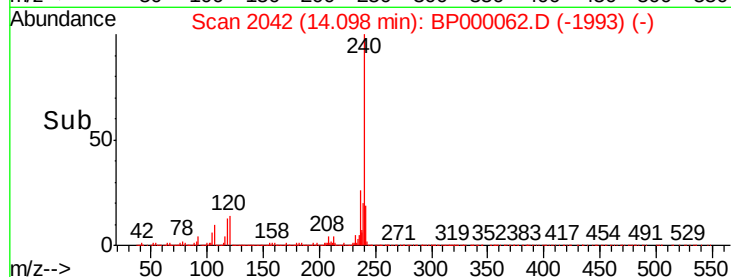
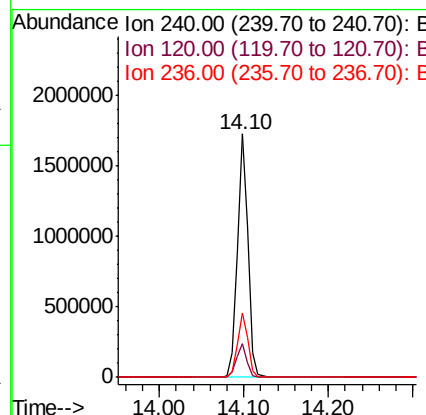
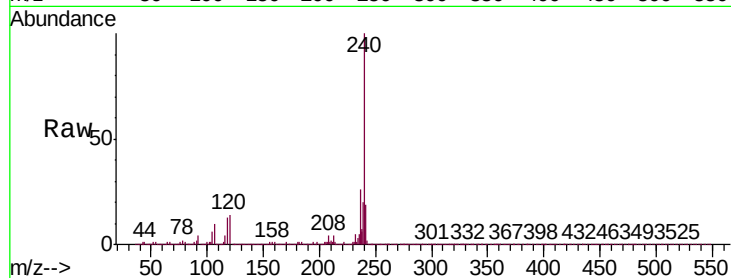




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP0000062.D
Acq: 04 Sep 2019 13:23

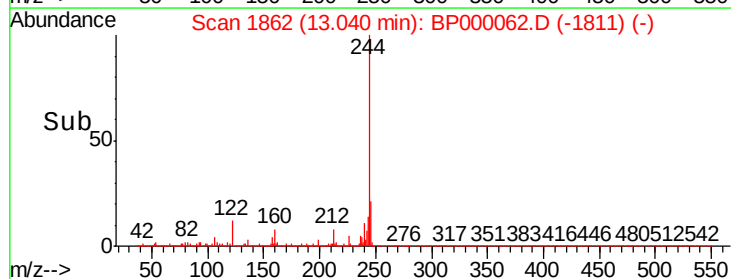
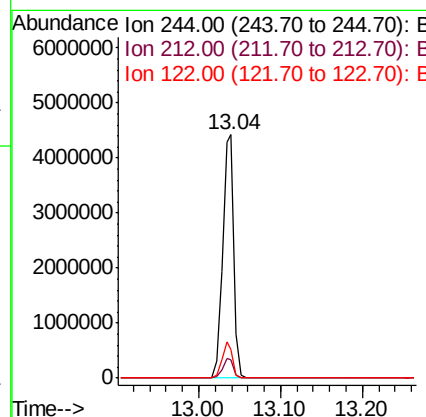
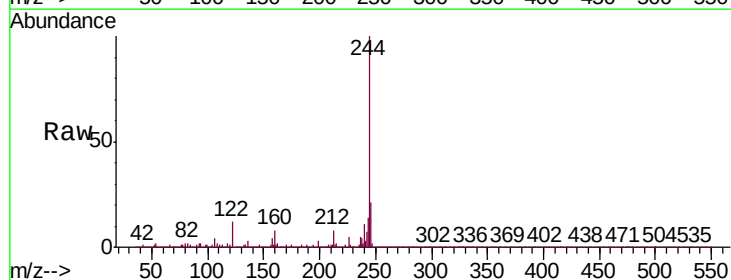
Instrument :
BNA_P
ClientSampleId :
SB-16-(8-10)

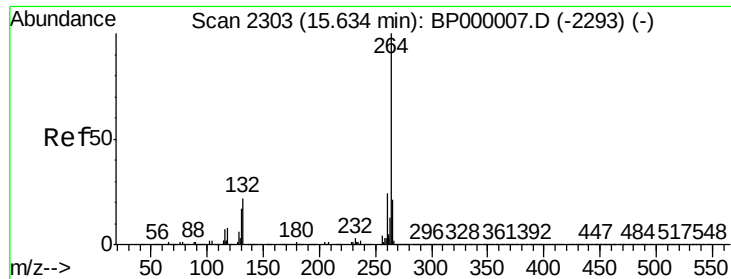
Tgt Ion:240 Resp: 1443281
Ion Ratio Lower Upper
240 100
120 13.6 10.5 15.7
236 26.3 21.5 32.3



#79
Terphenyl-d14
Concen: 63.398 ng
RT: 13.04 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BP0000062.D
Acq: 04 Sep 2019 13:23

Tgt Ion:244 Resp: 4198054
Ion Ratio Lower Upper
244 100
212 7.7 6.6 10.0
122 11.7 12.3 18.5#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP0000062.D
Acq: 04 Sep 2019 13:23

Instrument :
BNA_P
ClientSampleId :
SB-16-(8-10)

Tgt Ion: 264 Resp: 1504734

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.4	17.1	25.7

