

Data File : BP000061.D
Acq On : 04 Sep 2019 12:59
Operator : HP/JU
Sample : K4554-58
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1-(13-15)

Quant Time: Sep 05 05:48:54 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	507652	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1899751	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	1042205	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1927934	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1568967	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1664624	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	4052941	127.31	ng	0.01
7) Phenol-d6	6.52	99	5152344	128.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	2861399	92.42	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1330413	151.45	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	5192181	83.20	ng	0.00
79) Terphenyl-d14	13.04	244	5824648	80.92	ng	0.00

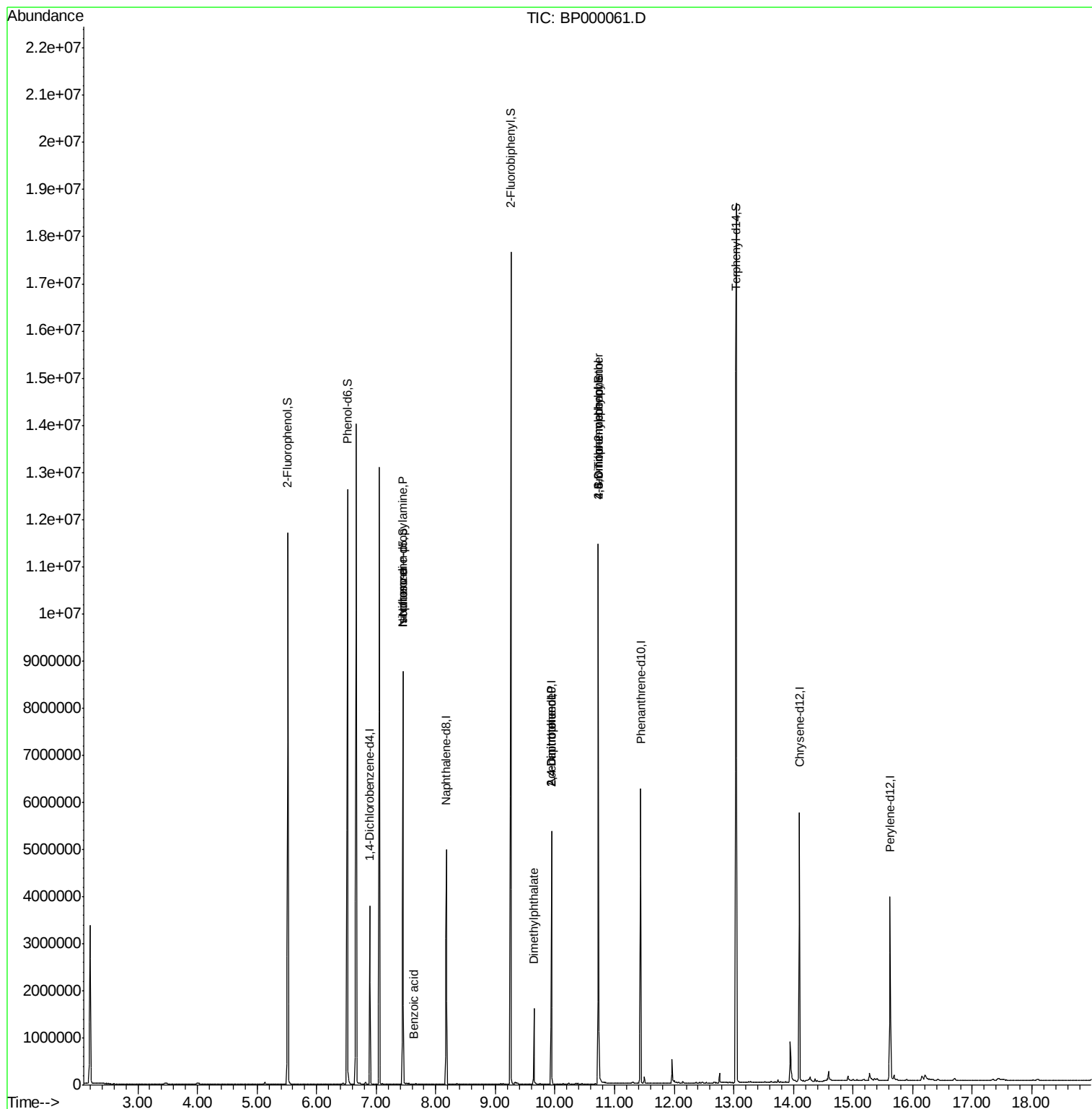
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.45	70	362884	15.866	ng	# 76
25) Isophorone	7.45	82	2861075	43.735	ng	# 66
32) Benzoic acid	7.63	122	70	8.065	ng	96
50) Dimethylphthalate	9.65	163	542026	7.632	ng	99
54) 2,4-Dinitrophenol	9.95	184	8	8.650	ng	# 1
57) 2,4-Dinitrotoluene	9.94	165	134748	7.002	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.73	198	4202	8.199	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	97505	4.977	ng	# 1
69) Atrazine	11.13	200	37	Below Cal		# 1

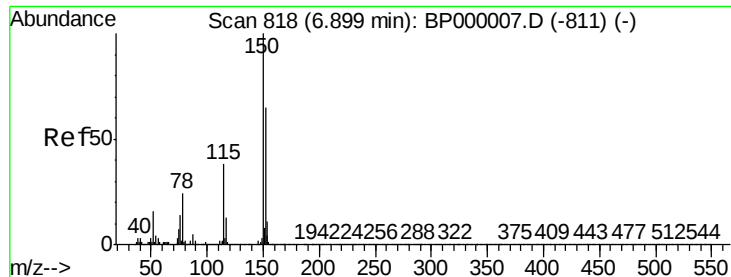
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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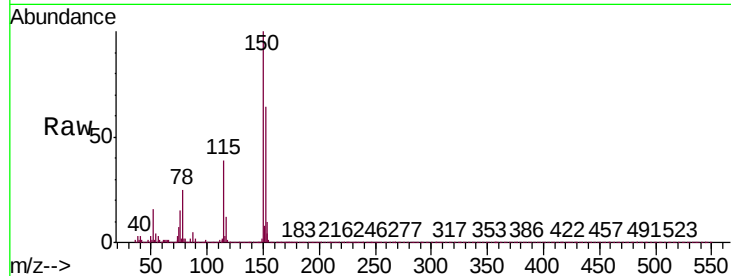


#1

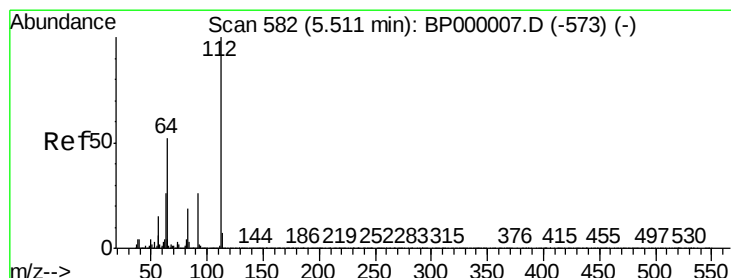
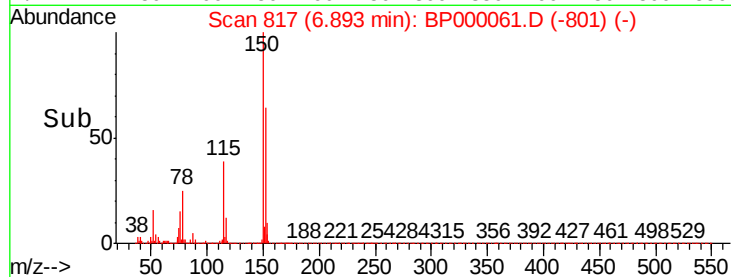
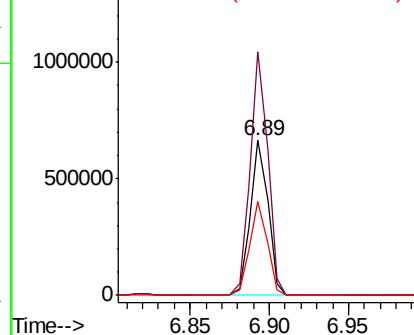
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000061.D
Acq: 04 Sep 2019 12:59

Instrument :
BNA_P
ClientSampleId :
SB-1-(13-15)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.0	184.6
115	61.0	46.7	70.1



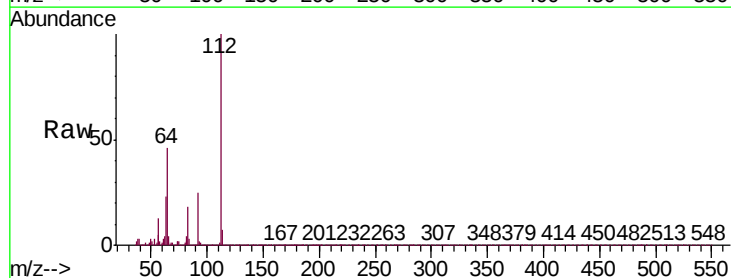
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



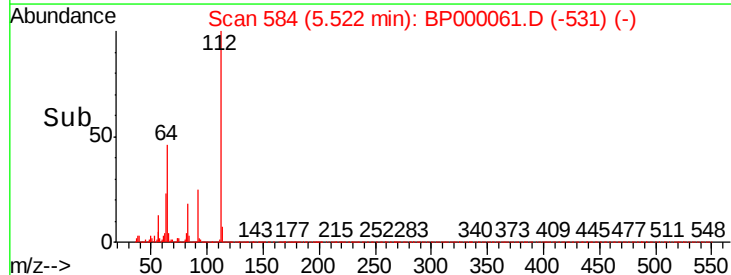
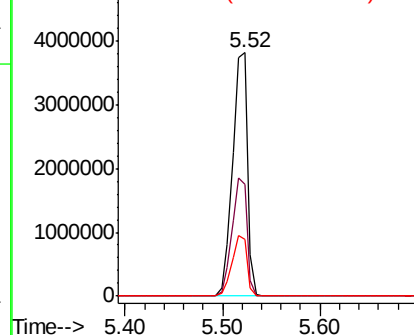
#5

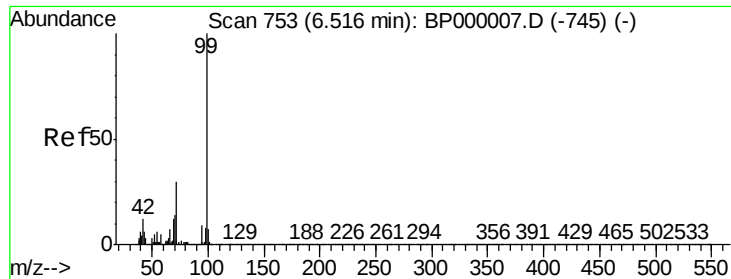
2-Fluorophenol
Concen: 127.310 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BP000061.D
Acq: 04 Sep 2019 12:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.0	41.8	62.8
63	23.4	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: 128.202 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BP000061.D

Acq: 04 Sep 2019 12:59

Instrument :

BNA_P

ClientSampleId :

SB-1-(13-15)

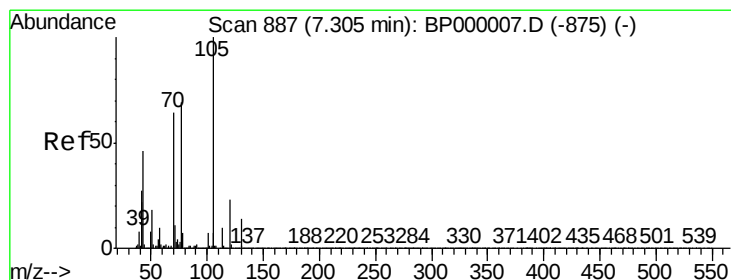
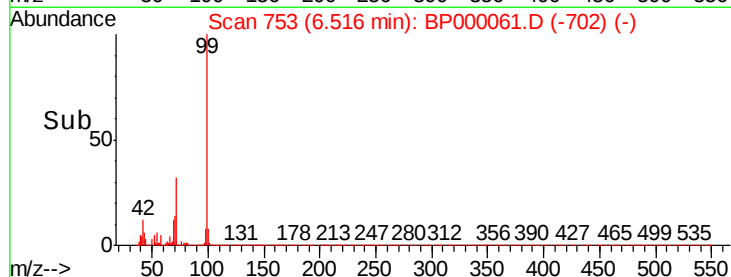
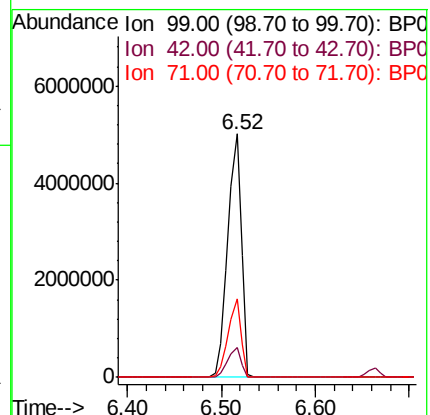
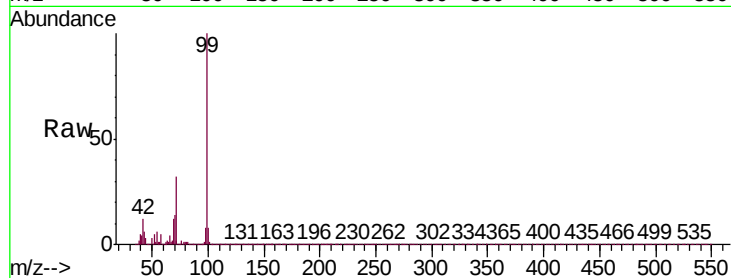
Tgt Ion: 99 Resp: 5152344

Ion Ratio Lower Upper

99 100

42 12.2 9.8 14.8

71 32.1 23.8 35.8



#19

n-Nitroso-di-n-propylamine

Concen: 15.866 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.15 min

Lab File: BP000061.D

Acq: 04 Sep 2019 12:59

Tgt Ion: 70 Resp: 362884

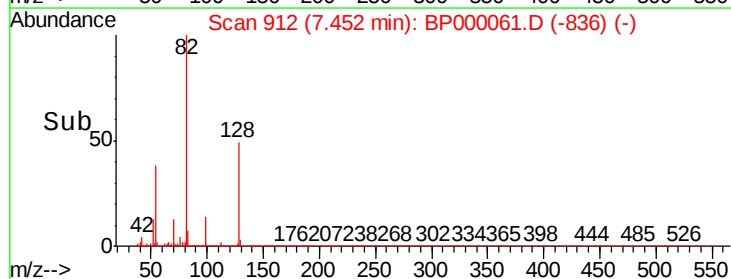
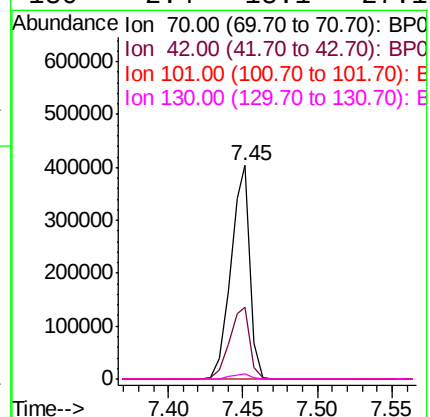
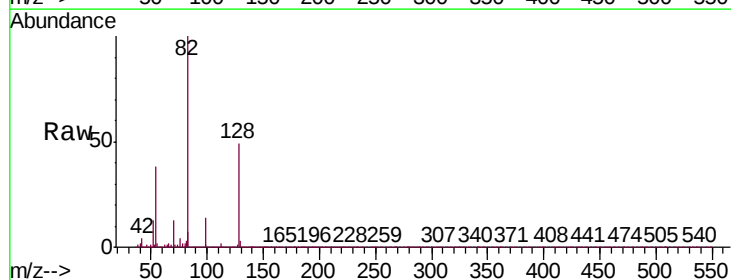
Ion Ratio Lower Upper

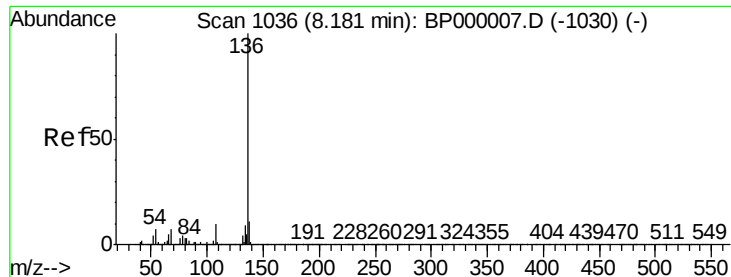
70 100

42 33.7 33.8 50.6#

101 0.1 8.7 13.1#

130 2.4 18.1 27.1#

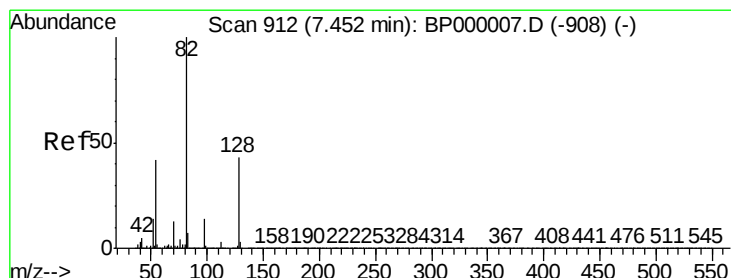
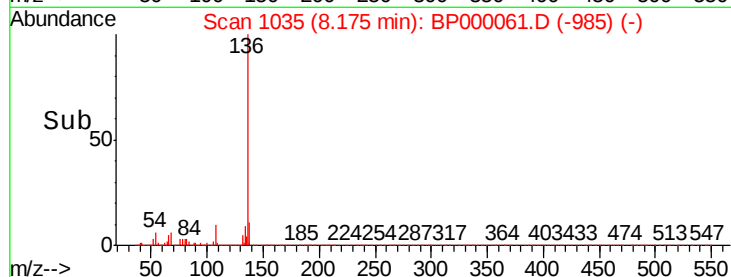
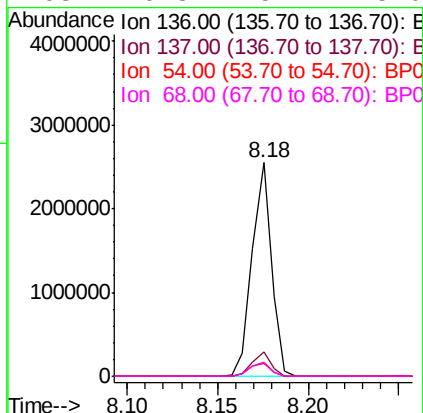
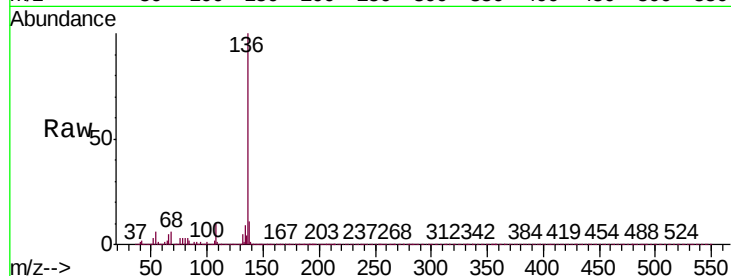




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000061.D
Acq: 04 Sep 2019 12:59

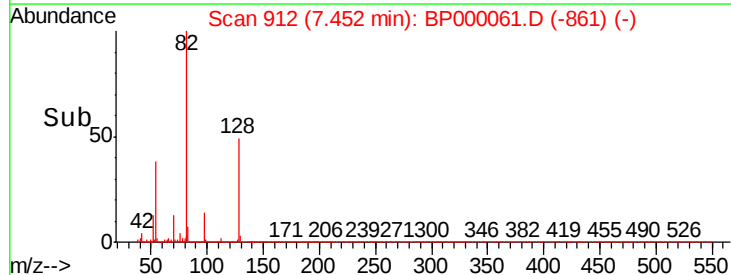
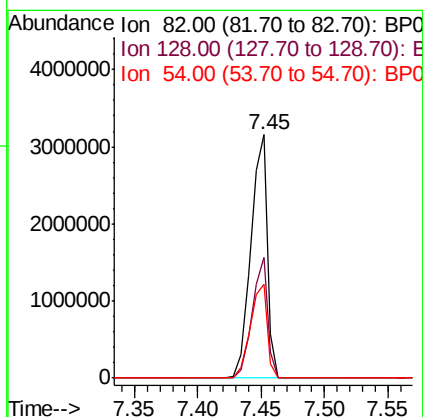
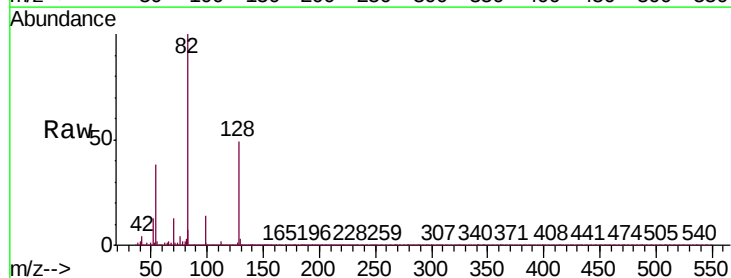
Instrument :
BNA_P
ClientSampleId :
SB-1-(13-15)

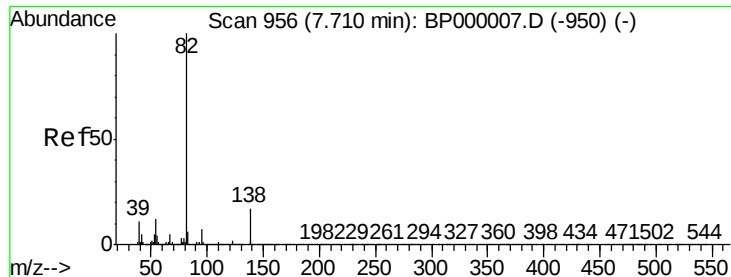
Tgt Ion:	136	Resp:	1899751
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.2	5.4	8.2
68	6.3	5.4	8.0



#23
Nitrobenzene-d5
Concen: 92.420 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BP000061.D
Acq: 04 Sep 2019 12:59

Tgt Ion:	82	Resp:	2861399
Ion	Ratio	Lower	Upper
82	100		
128	49.4	34.5	51.7
54	38.4	33.2	49.8





#25

Isophorone

Concen: 43.735 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BP000061.D

Acq: 04 Sep 2019 12:59

Instrument :

BNA_P

ClientSampleId :

SB-1-(13-15)

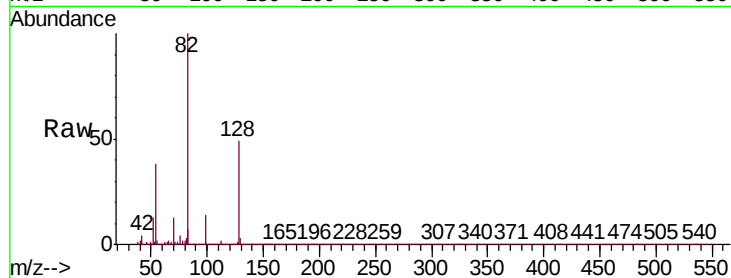
Tgt Ion: 82 Resp: 2861075

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

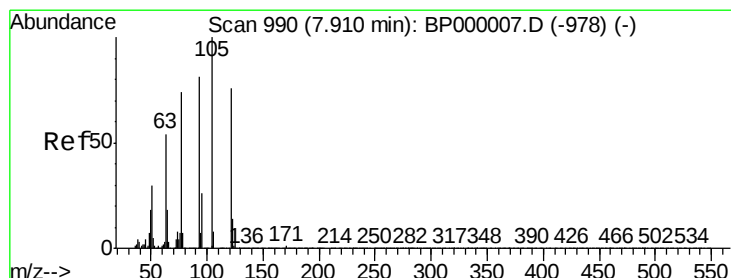
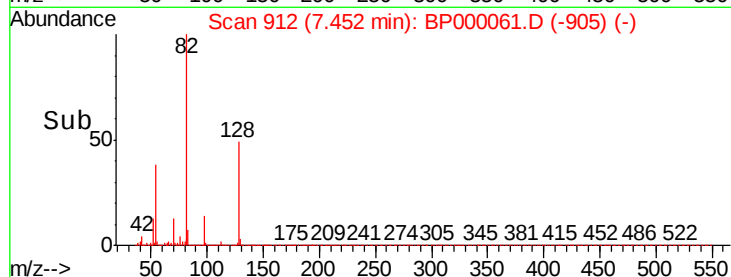
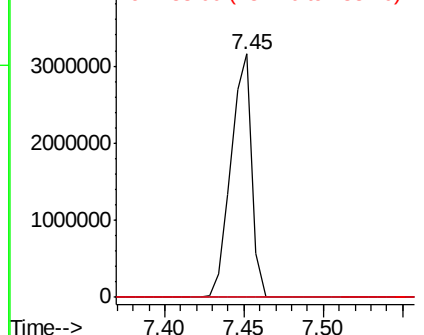
138 0.0 13.8 20.6#



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): BP0



#32

Benzoic acid

Concen: 8.065 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.28 min

Lab File: BP000061.D

Acq: 04 Sep 2019 12:59

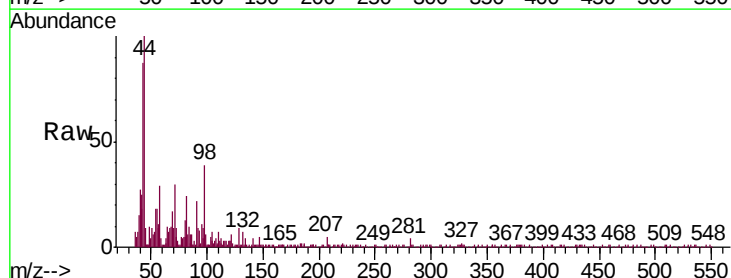
Tgt Ion: 122 Resp: 70

Ion Ratio Lower Upper

122 100

105 121.1 104.6 144.6

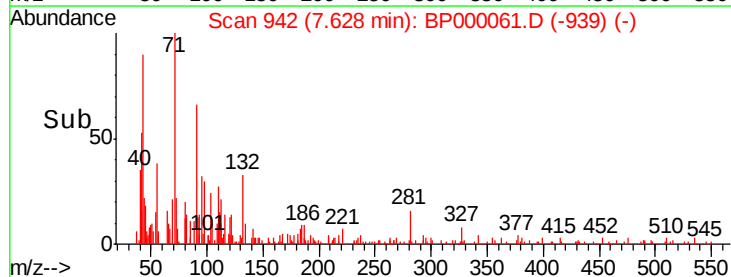
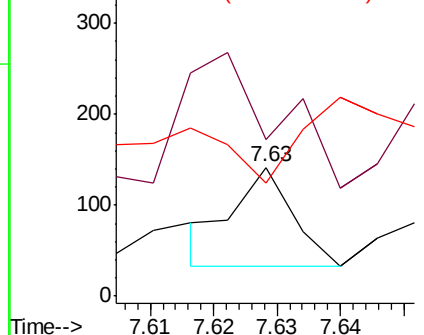
77 88.0 74.1 114.1

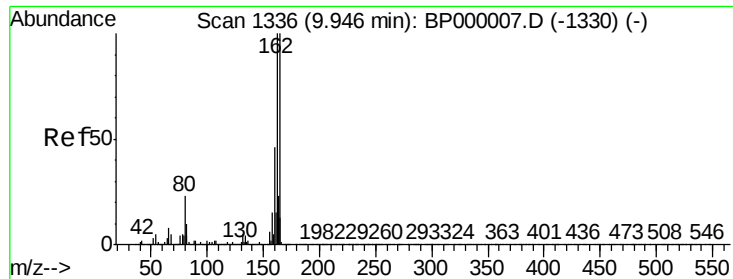


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

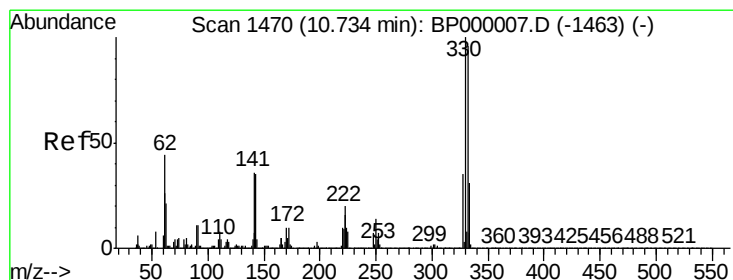
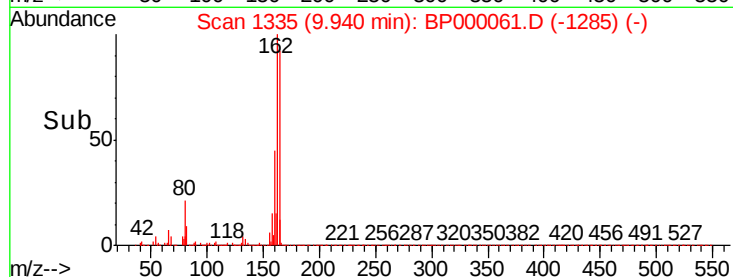
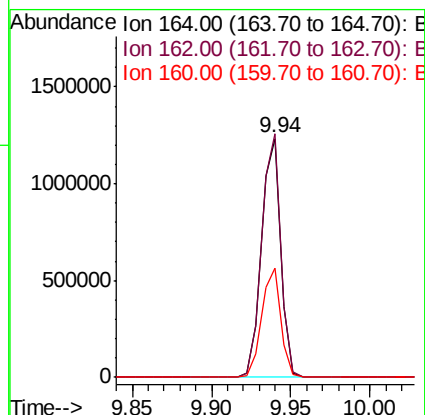
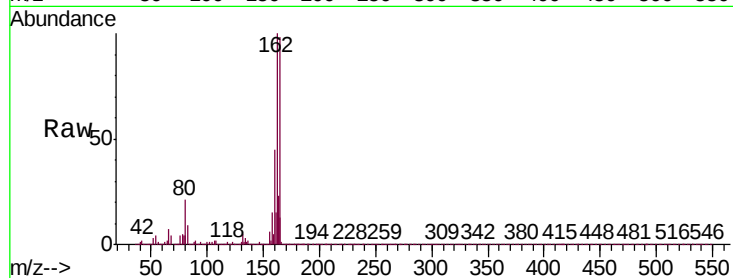




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000061.D
Acq: 04 Sep 2019 12:59

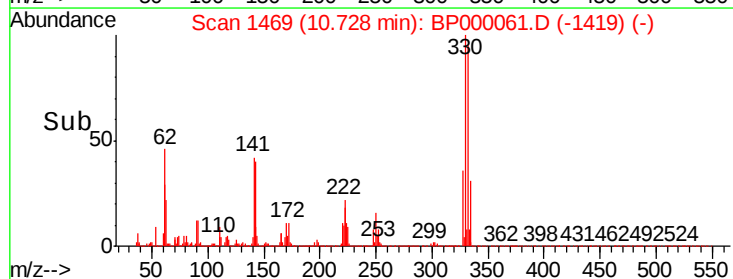
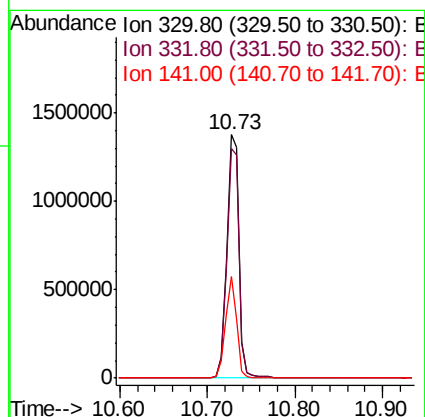
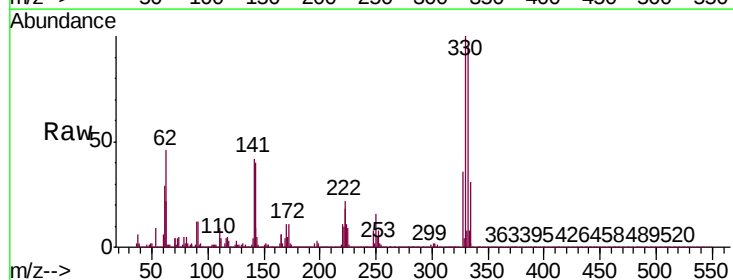
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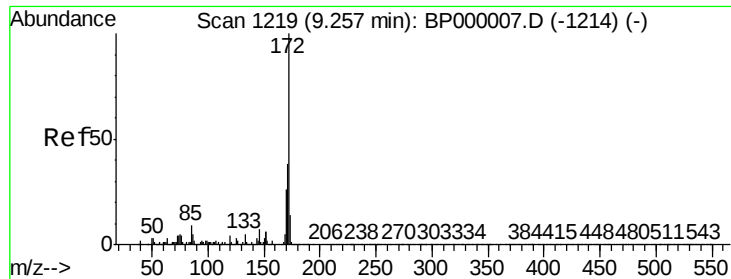
Tgt Ion:164 Resp: 1042205
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.4
160 45.9 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 151.446 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000061.D
Acq: 04 Sep 2019 12:59

Tgt Ion:330 Resp: 1330413
Ion Ratio Lower Upper
330 100
332 95.5 76.8 115.2
141 38.5 33.6 50.4

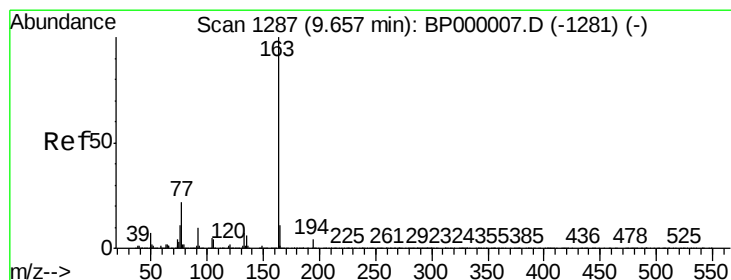
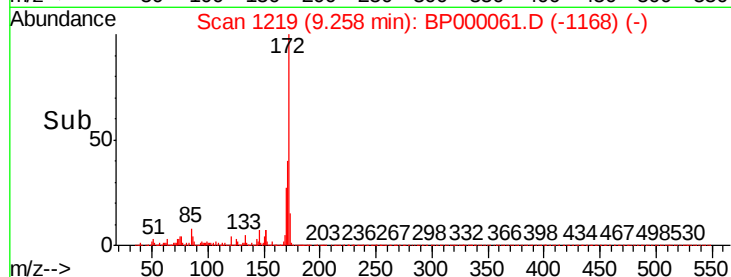
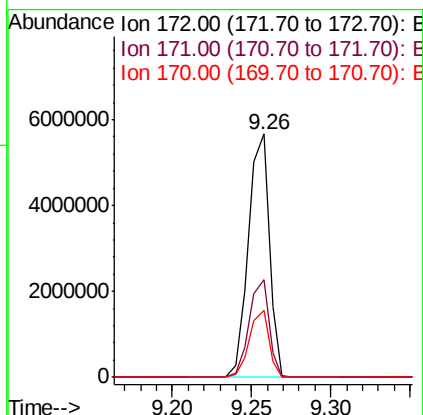
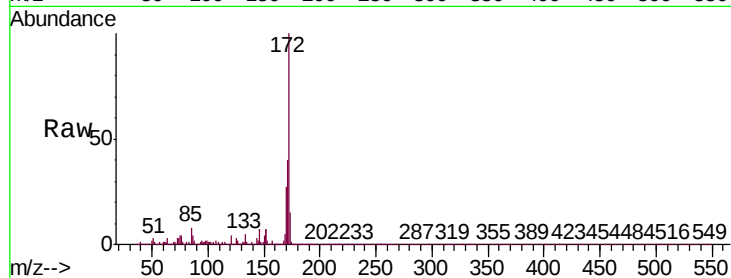




#45
2-Fluorobiphenyl
Concen: 83.198 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BP000061.D
Acq: 04 Sep 2019 12:59

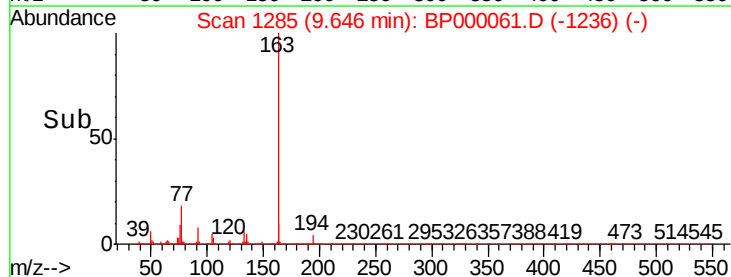
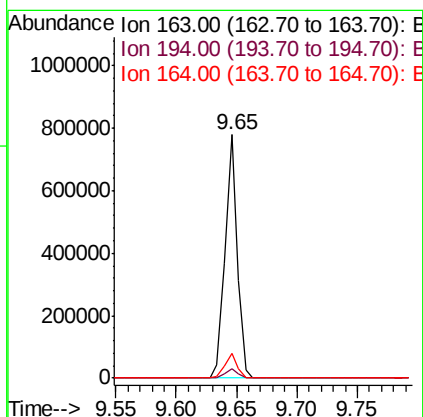
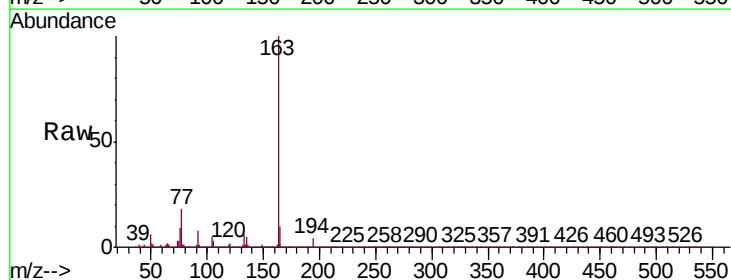
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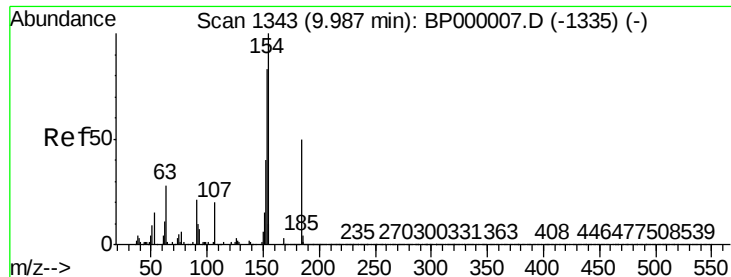
Tgt Ion:172 Resp: 5192181
Ion Ratio Lower Upper
172 100
171 40.4 30.7 46.1
170 27.4 20.7 31.1



#50
Dimethylphthalate
Concen: 7.632 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000061.D
Acq: 04 Sep 2019 12:59

Tgt Ion:163 Resp: 542026
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.4 12.6





#54

2,4-Dinitrophenol

Concen: 8.650 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.04 min

Lab File: BP000061.D

Acq: 04 Sep 2019 12:59

Instrument :

BNA_P

ClientSampled :

SB-1-(13-15)

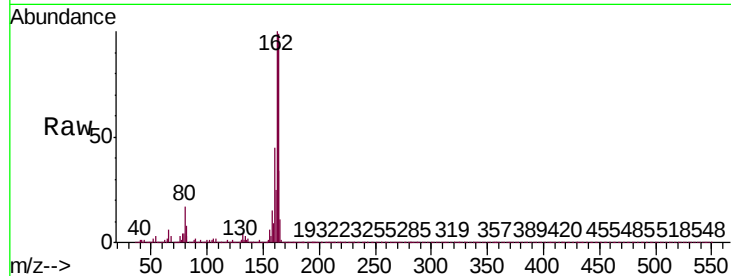
Tgt Ion:184 Resp: 8

Ion Ratio Lower Upper

184 100

63 2673.9 46.0 69.0#

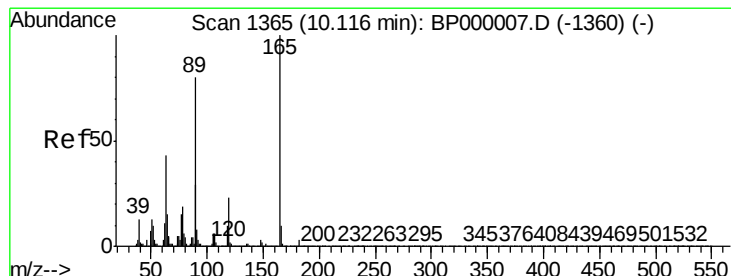
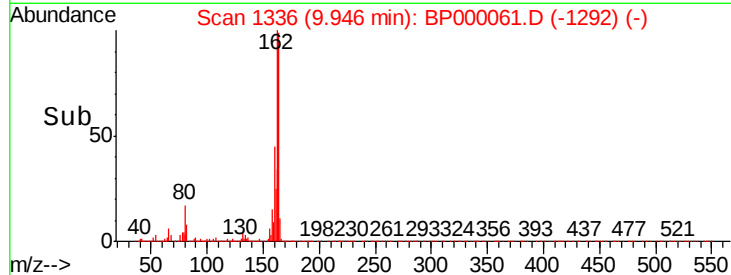
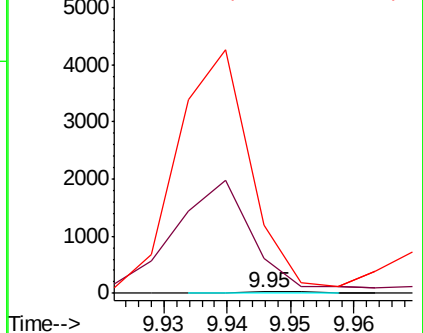
154 5187.0 161.9 242.9#



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: 7.002 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.18 min

Lab File: BP000061.D

Acq: 04 Sep 2019 12:59

Tgt Ion:165 Resp: 134748

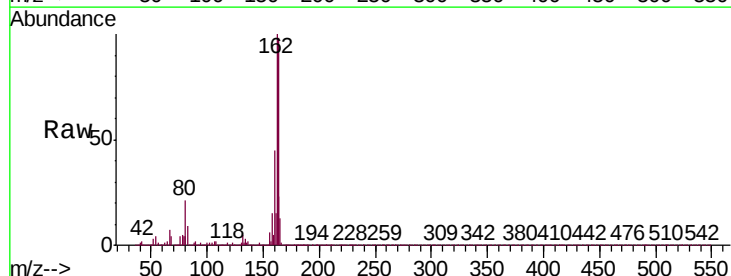
Ion Ratio Lower Upper

165 100

63 1.3 34.4 51.6#

89 1.4 64.3 96.5#

182 0.0 2.2 3.4#

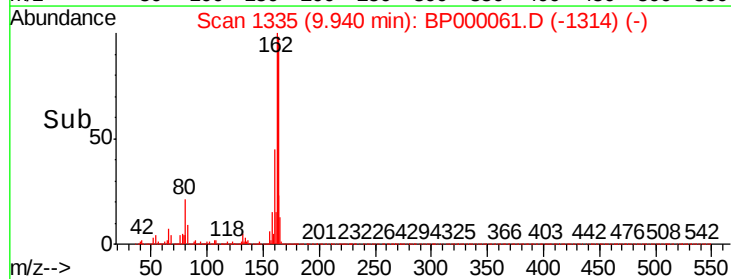
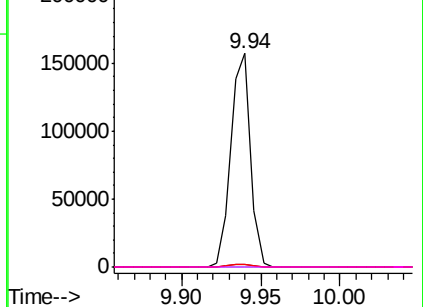


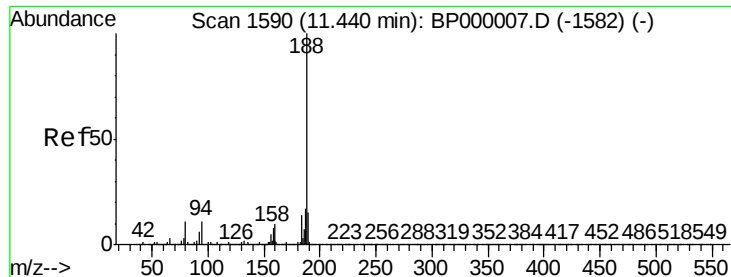
Abundance Ion 165.00 (164.70 to 165.70): E

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: BP000061.D

Acq: 04 Sep 2019 12:59

Instrument :

BNA_P

ClientSampleId :

SB-1-(13-15)

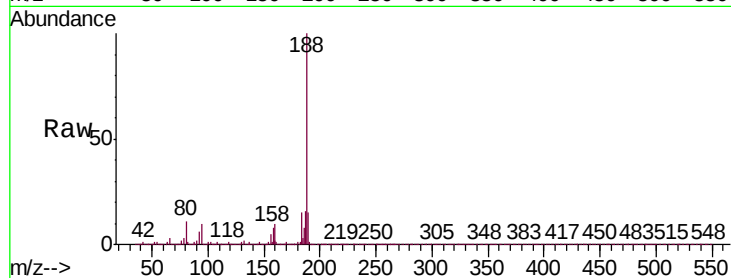
Tgt Ion:188 Resp: 1927934

Ion Ratio Lower Upper

188 100

94 10.3 8.8 13.2

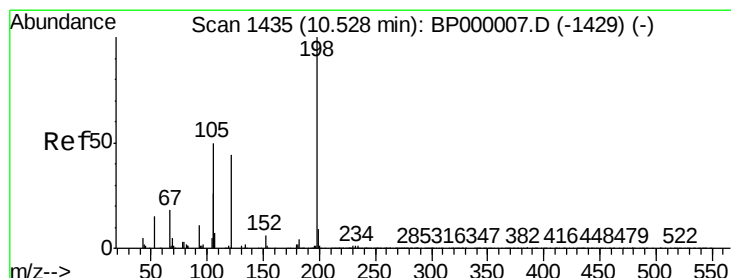
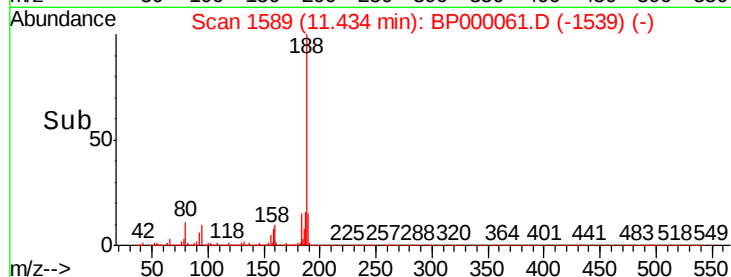
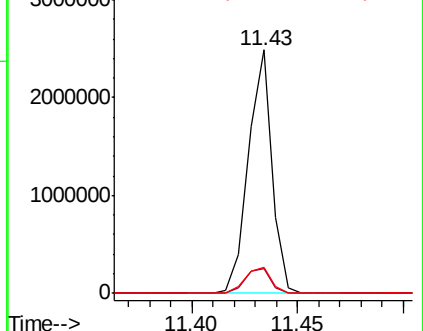
80 10.8 9.0 13.6



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: 8.199 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.20 min

Lab File: BP000061.D

Acq: 04 Sep 2019 12:59

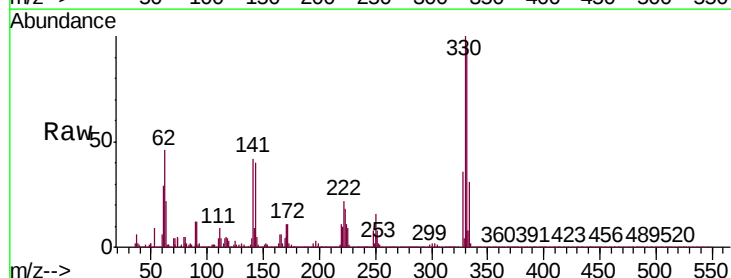
Tgt Ion:198 Resp: 4202

Ion Ratio Lower Upper

198 100

51 107.6 22.1 62.1#

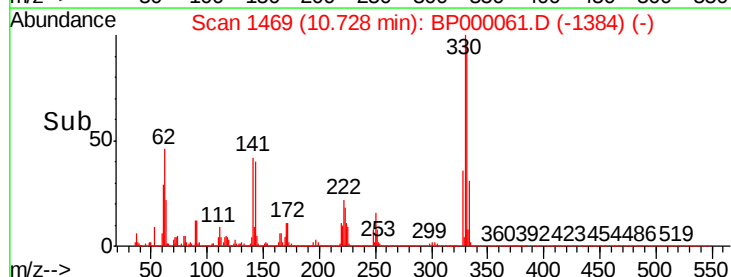
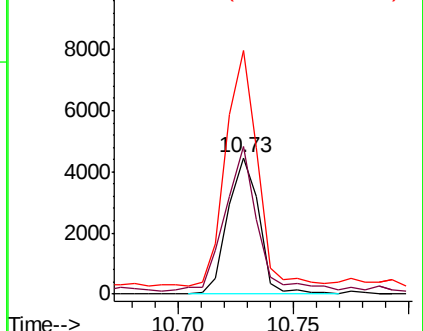
105 178.1 32.0 72.0#

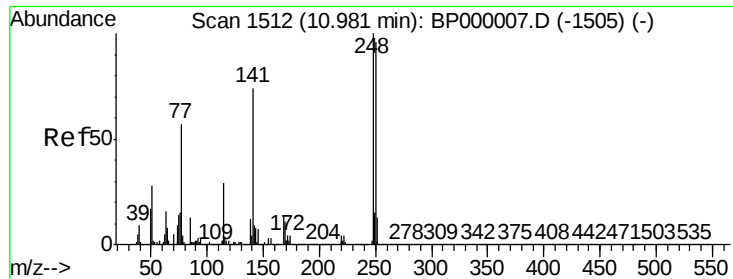


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

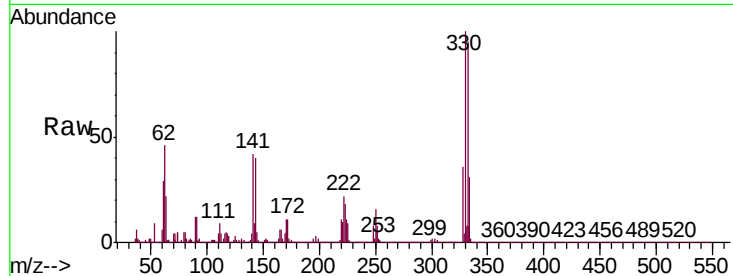




#67
4-Bromophenyl-phenylether
Concen: 4.977 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.25 min
Lab File: BP000061.D
Acq: 04 Sep 2019 12:59

Instrument :
BNA_P
ClientSampleId :
SB-1-(13-15)

Tgt Ion	Ratio	Lower	Upper
248	100		
250	201.2	77.1	115.7#
141	531.9	59.5	89.3#

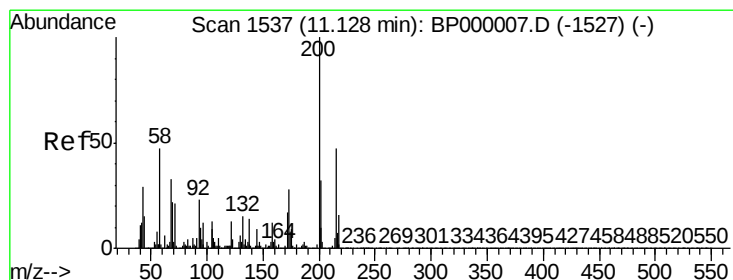
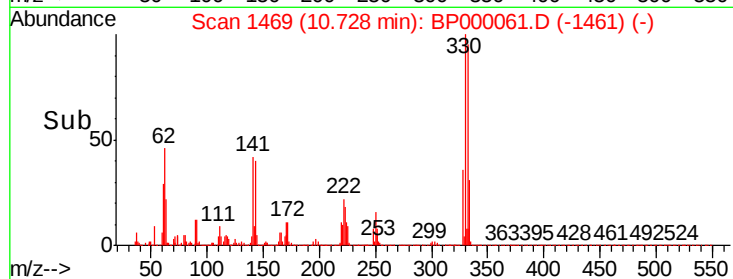
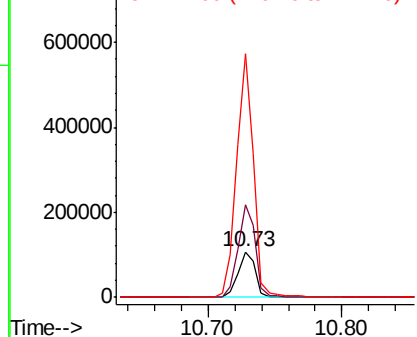


Abundance

Ion 248.00 (247.70 to 248.70): E

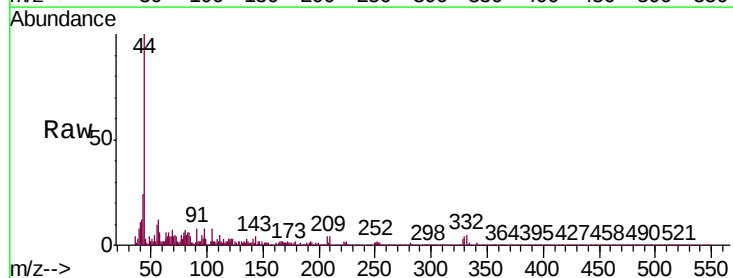
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#69
Atrazine
Concen: Below Cal
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BP000061.D
Acq: 04 Sep 2019 12:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	187.0	8.1	48.1#
215	82.6	26.7	66.7#

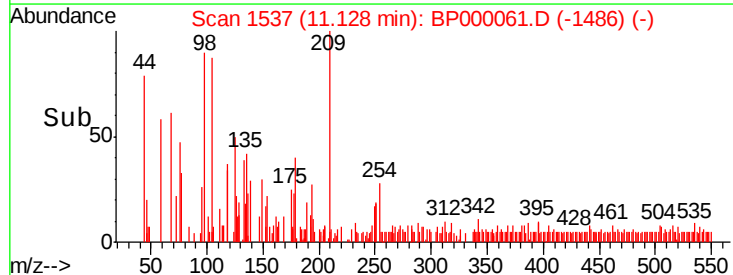
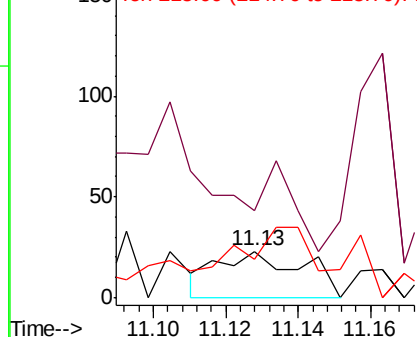


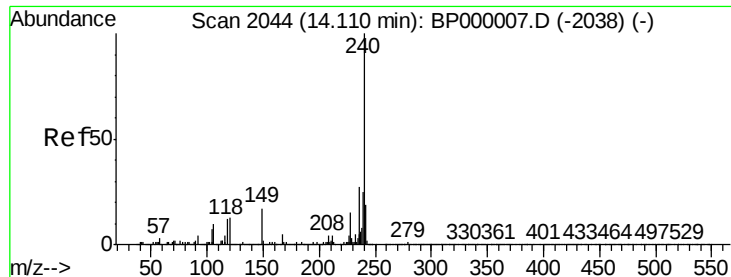
Abundance

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

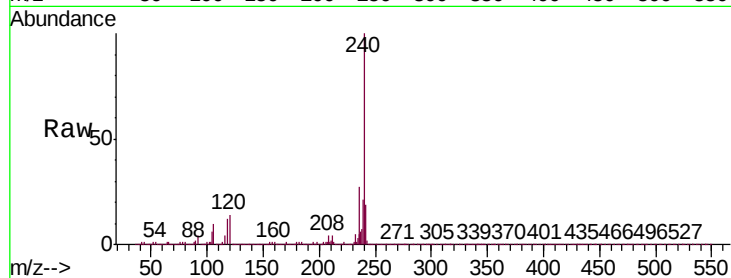




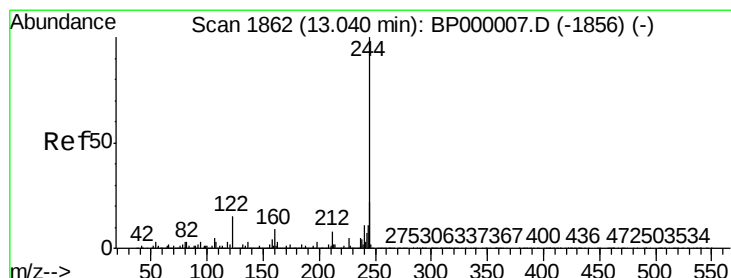
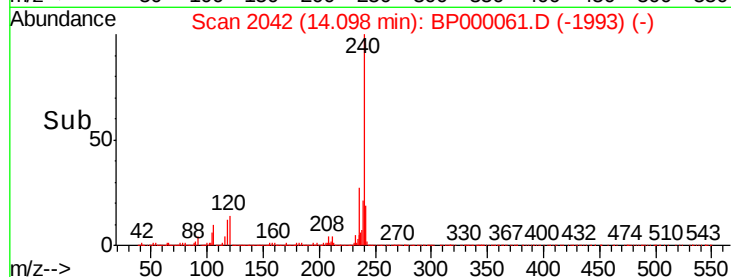
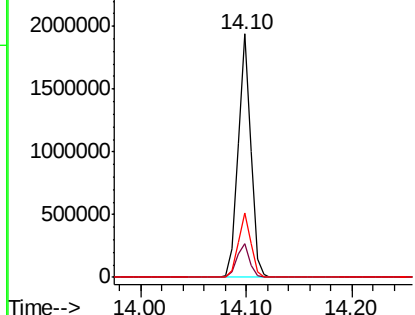
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000061.D
Acq: 04 Sep 2019 12:59

Instrument :
BNA_P
ClientSampleId :
SB-1-(13-15)

Tgt Ion:240 Resp: 1568967
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 26.6 21.5 32.3

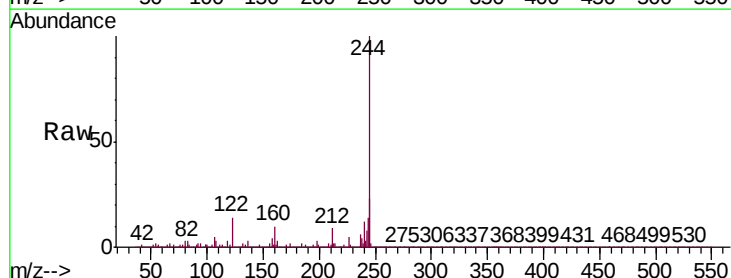


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

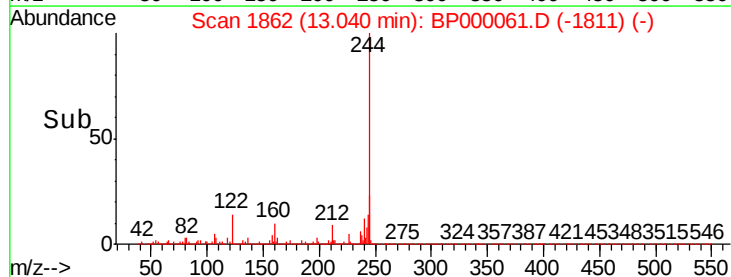
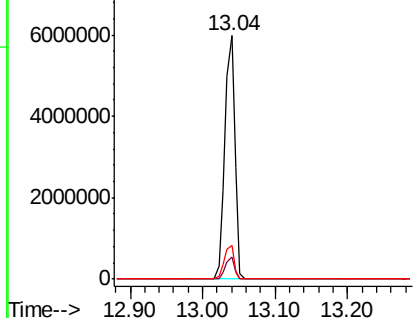


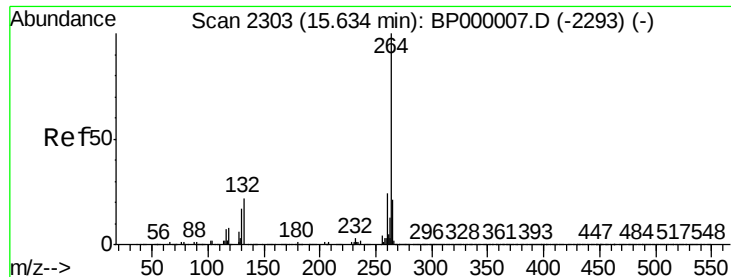
#79
Terphenyl-d14
Concen: 80.916 ng
RT: 13.04 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BP000061.D
Acq: 04 Sep 2019 12:59

Tgt Ion:244 Resp: 5824648
Ion Ratio Lower Upper
244 100
212 9.2 6.6 10.0
122 14.0 12.3 18.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP000061.D
Acq: 04 Sep 2019 12:59

Instrument :
BNA_P
ClientSampleId :
SB-1-(13-15)

Tgt Ion: 264 Resp: 1664624

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	22.0	17.1	25.7

