

Data File : BP000065.D
Acq On : 04 Sep 2019 14:37
Operator : HP/JU
Sample : PB122788BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB122788BL

Quant Time: Sep 05 05:50:51 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	466930	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1743028	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	948988	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1720968	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1442326	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1545763	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3554160	121.38	ng	0.00
7) Phenol-d6	6.52	99	4474002	121.03	ng	0.00
23) Nitrobenzene-d5	7.45	82	2538916	89.38	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1148438	143.57	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4876170	85.81	ng	0.00
79) Terphenyl-d14	13.04	244	5767812	87.16	ng	0.00

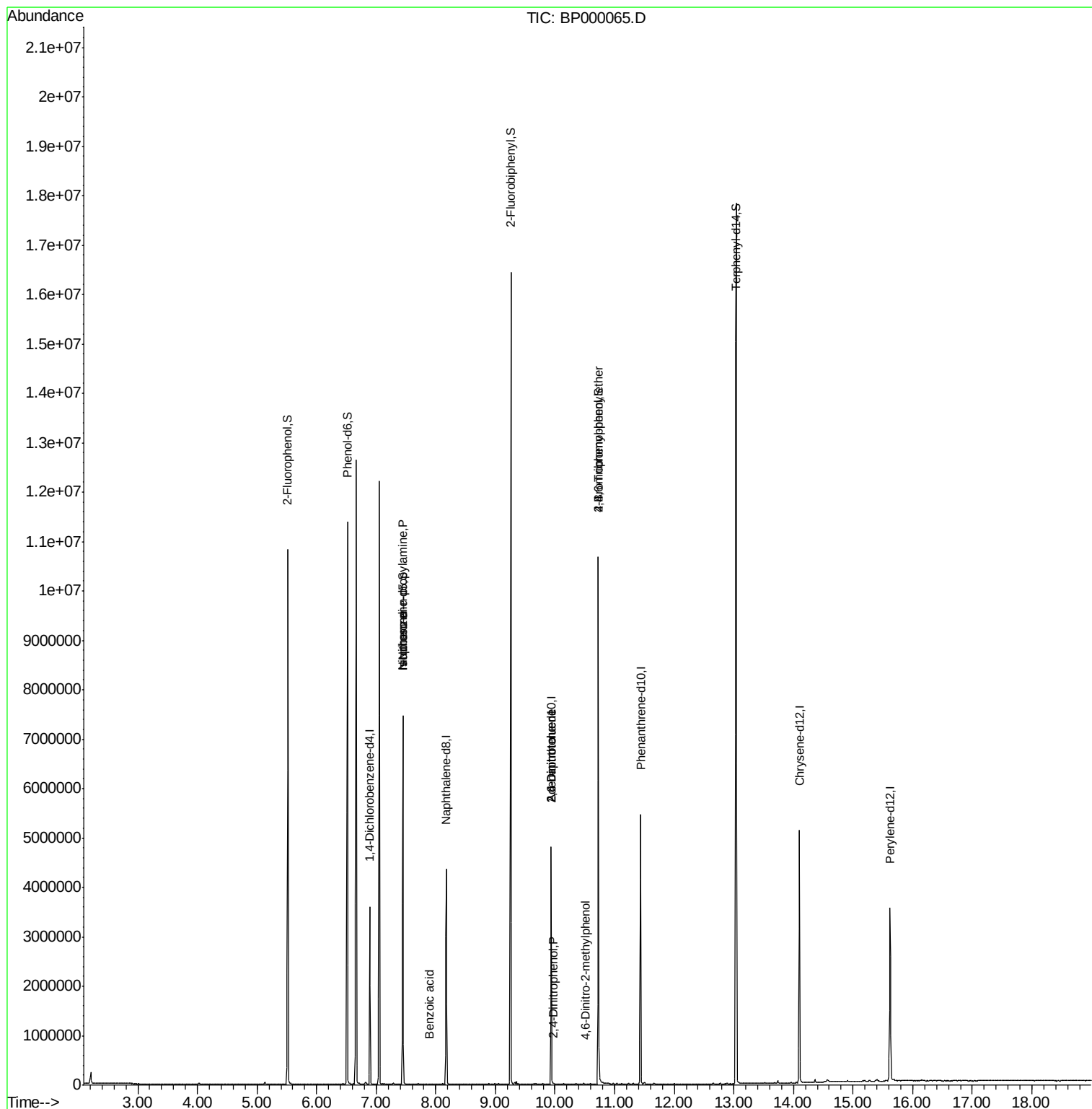
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.45	70	318491	15.139	ng	# 78
25) Isophorone	7.45	82	2537575	42.278	ng	# 66
32) Benzoic acid	7.90	122	193	8.072	ng	# 71
51) 2,6-Dinitrotoluene	9.93	165	124380	9.061	ng	# 30
54) 2,4-Dinitrophenol	9.97	184	332	8.706	ng	# 1
57) 2,4-Dinitrotoluene	9.93	165	124380	7.098	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.52	198	188	7.748	ng	# 54
67) 4-Bromophenyl-phenylether	10.73	248	83951	4.800	ng	# 1
69) Atrazine	11.12	200	1051	Below Cal		91

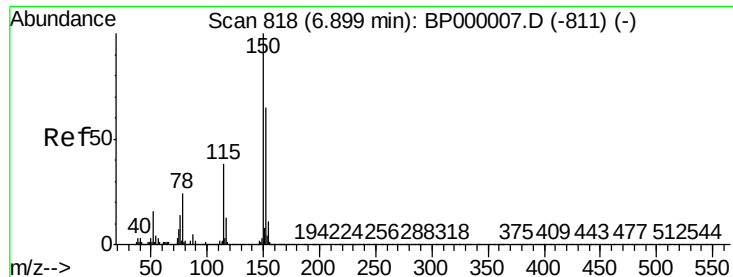
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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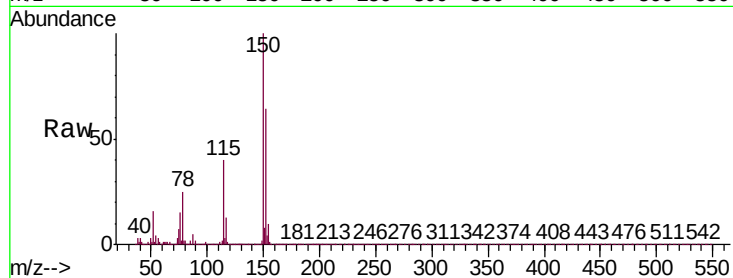


#1

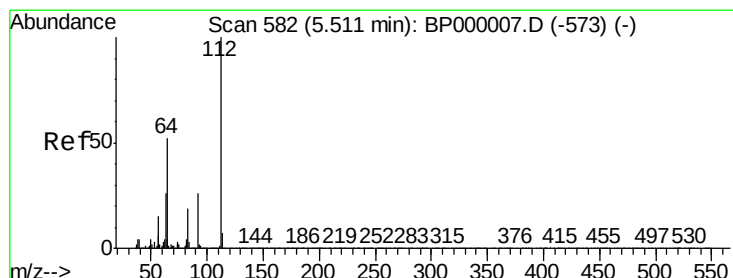
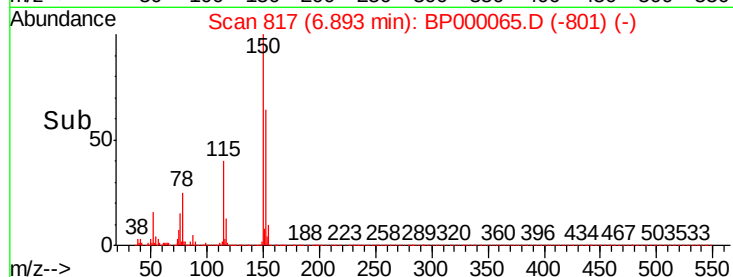
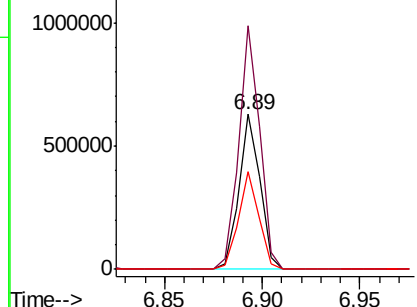
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000065.D
Acq: 04 Sep 2019 14:37

Instrument :
BNA_P
ClientSampleId :
PB122788BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.0	184.6
115	62.9	46.7	70.1



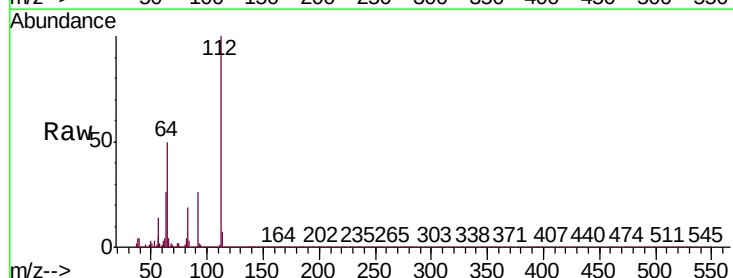
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



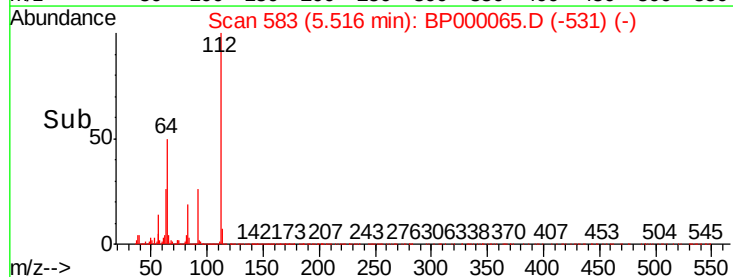
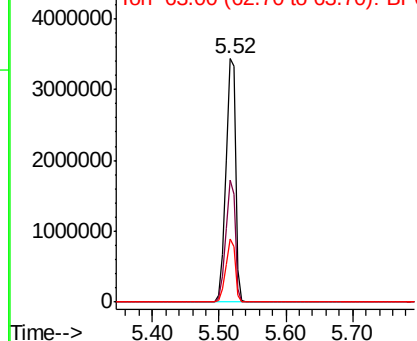
#5

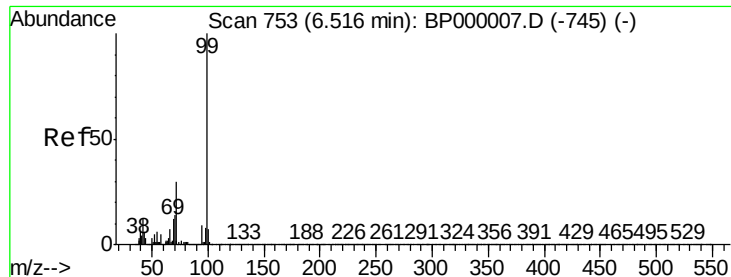
2-Fluorophenol
Concen: 121.379 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000065.D
Acq: 04 Sep 2019 14:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	41.8	62.8
63	25.9	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: 121.032 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000065.D

Acq: 04 Sep 2019 14:37

Instrument :

BNA_P

ClientSampleId :

PB122788BL

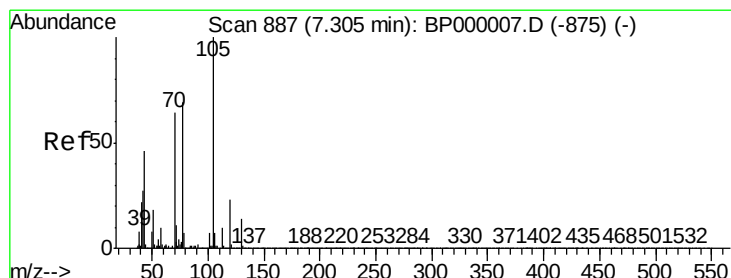
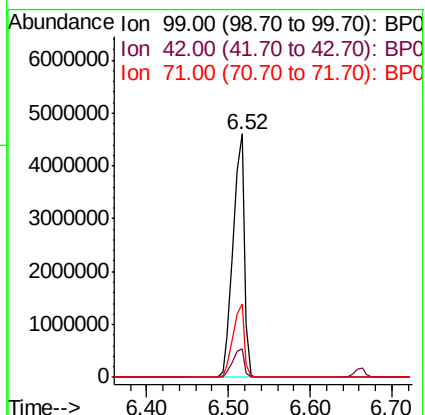
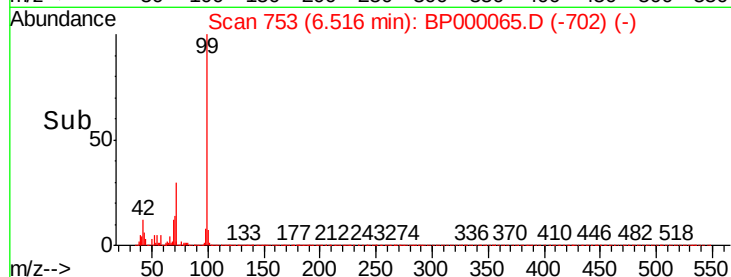
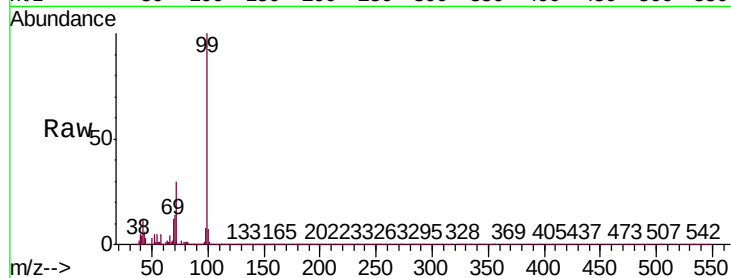
Tgt Ion: 99 Resp: 4474002

Ion Ratio Lower Upper

99 100

42 11.7 9.8 14.8

71 30.4 23.8 35.8



#19

n-Nitroso-di-n-propylamine

Concen: 15.139 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BP000065.D

Acq: 04 Sep 2019 14:37

Tgt Ion: 70 Resp: 318491

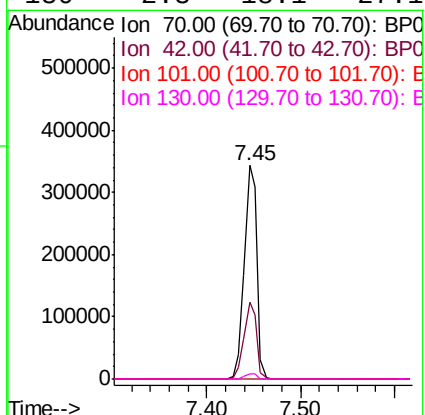
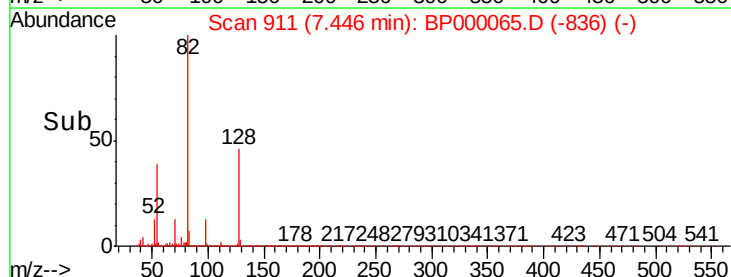
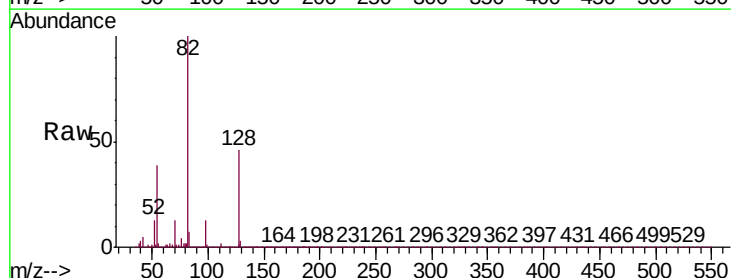
Ion Ratio Lower Upper

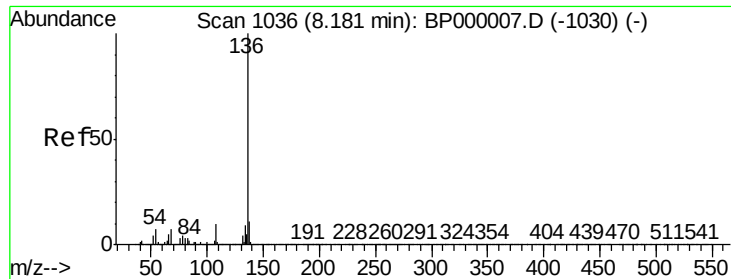
70 100

42 35.9 33.8 50.6

101 0.0 8.7 13.1#

130 2.3 18.1 27.1#

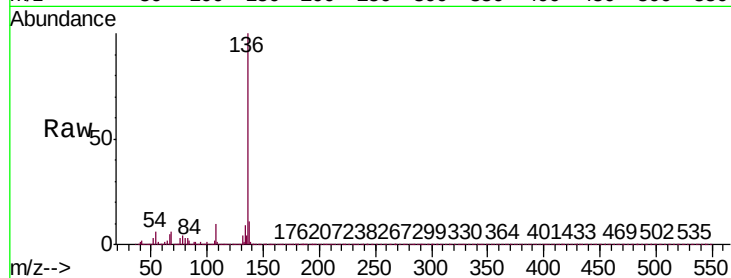




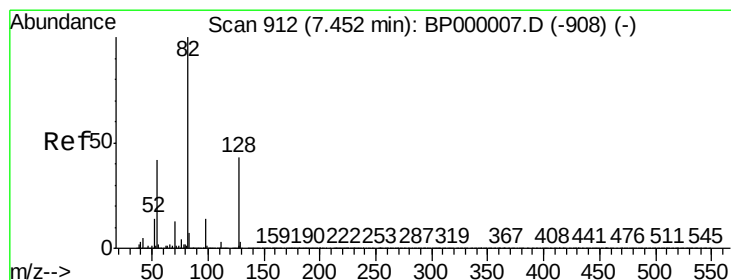
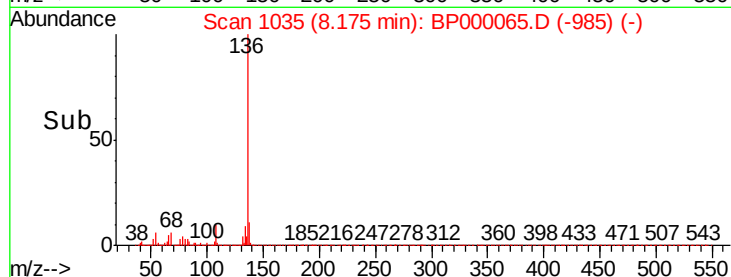
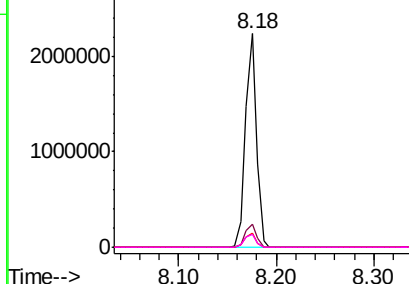
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000065.D
Acq: 04 Sep 2019 14:37

Instrument :
BNA_P
ClientSampleId :
PB122788BL

Tgt Ion:	136	Resp:	1743028
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.3	5.4	8.2
68	6.3	5.4	8.0

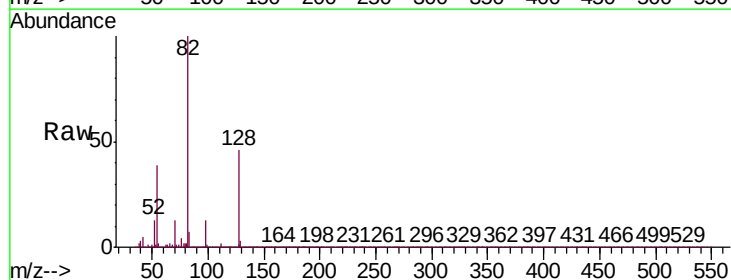


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

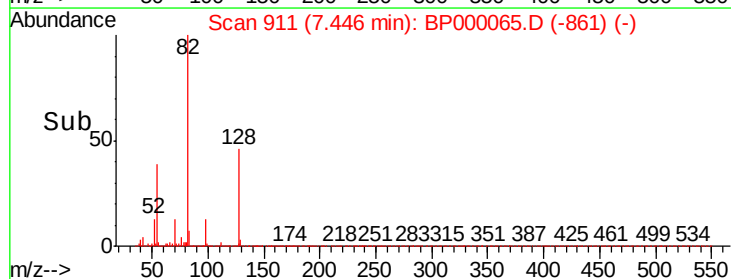
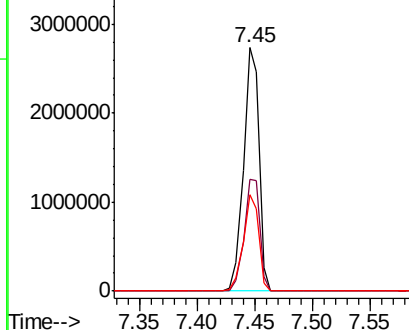


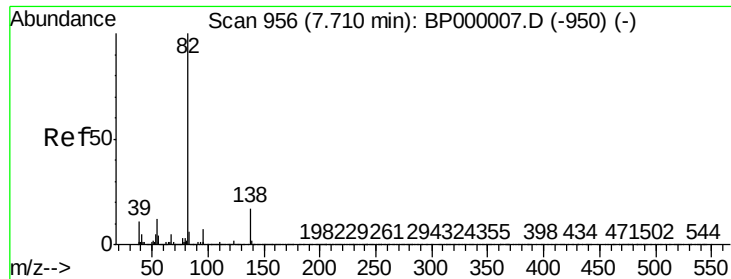
#23
Nitrobenzene-d5
Concen: 89.378 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000065.D
Acq: 04 Sep 2019 14:37

Tgt Ion:	82	Resp:	2538916
Ion	Ratio	Lower	Upper
82	100		
128	45.7	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: 42.278 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BP000065.D

Acq: 04 Sep 2019 14:37

Instrument :

BNA_P

ClientSampleId :

PB122788BL

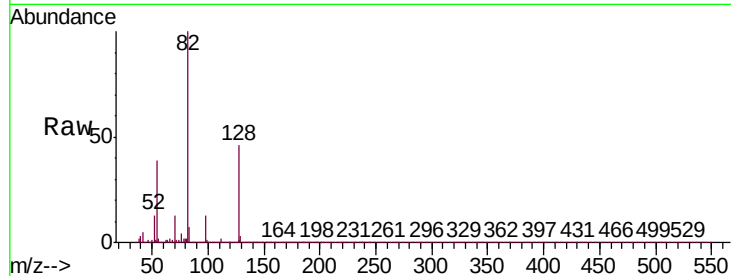
Tgt Ion: 82 Resp: 2537575

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

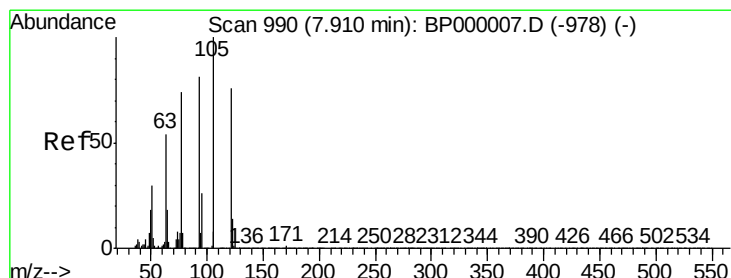
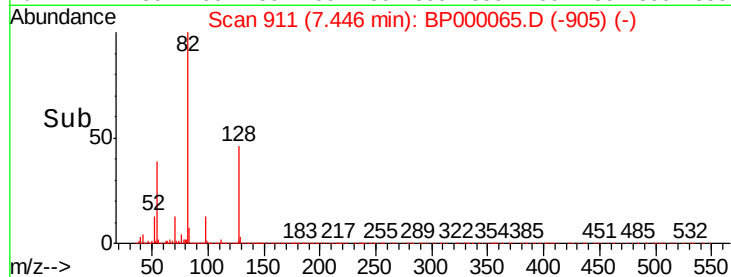
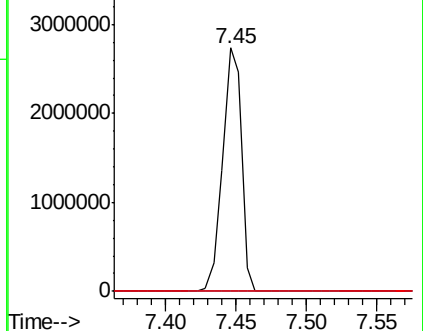
138 0.0 13.8 20.6#



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: 8.072 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BP000065.D

Acq: 04 Sep 2019 14:37

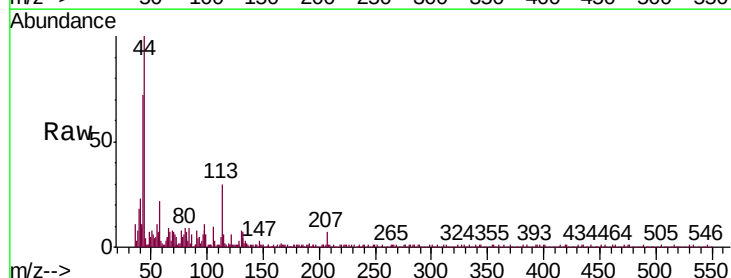
Tgt Ion: 122 Resp: 193

Ion Ratio Lower Upper

122 100

105 151.9 104.6 144.6#

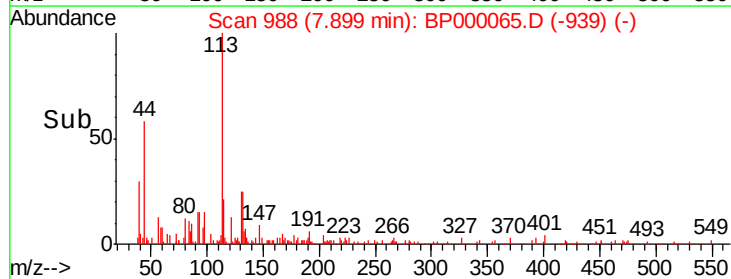
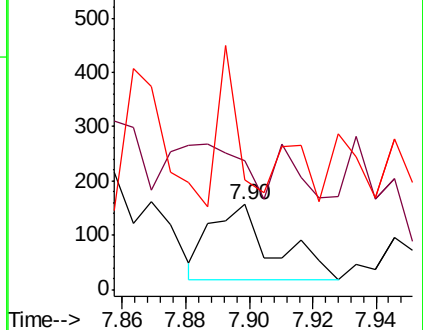
77 128.8 74.1 114.1#

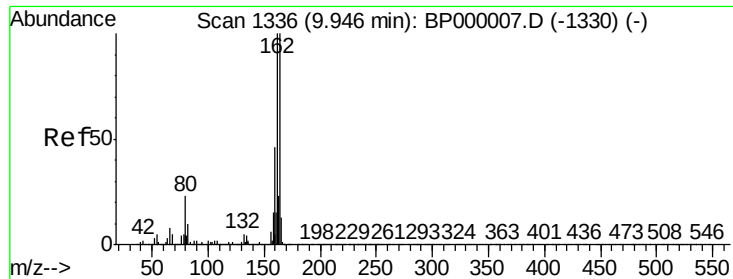


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

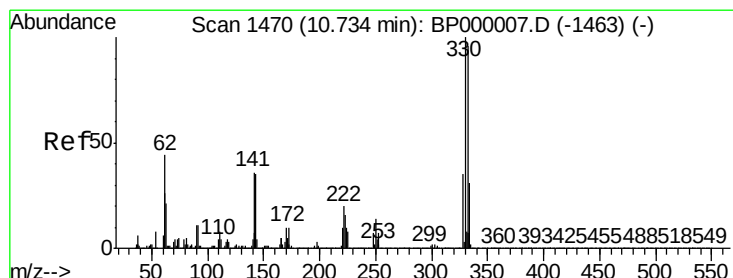
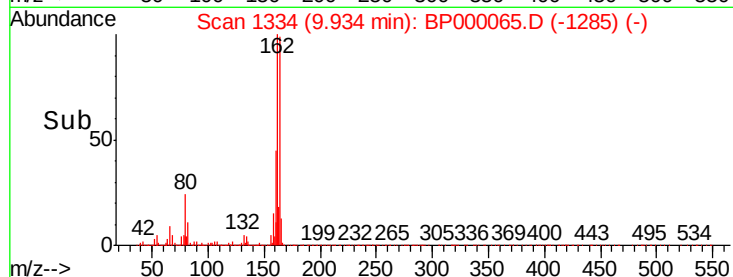
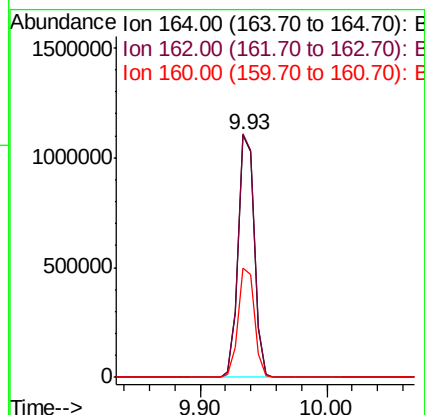
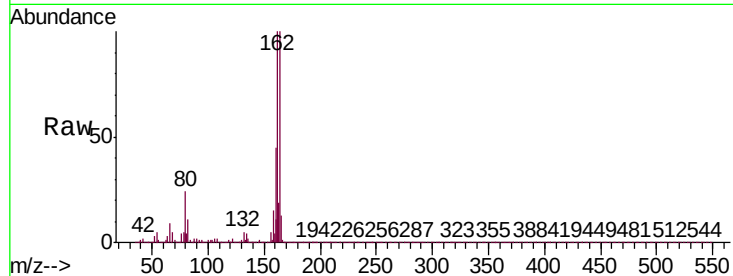




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BP000065.D
 Acq: 04 Sep 2019 14:37

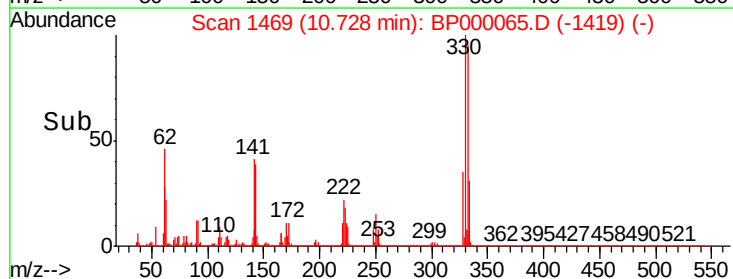
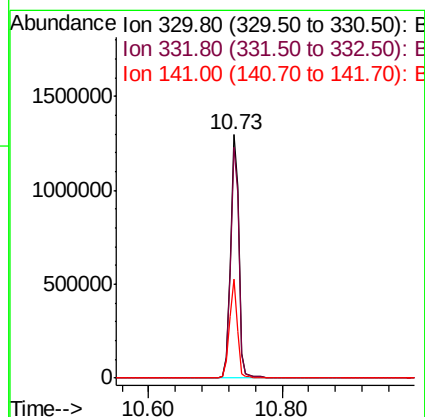
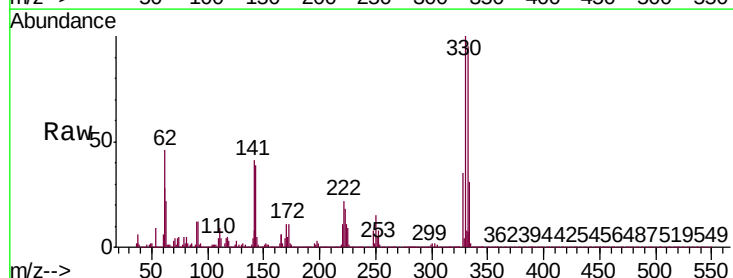
Instrument :
 BNA_P
 ClientSampled :
 PB122788BL

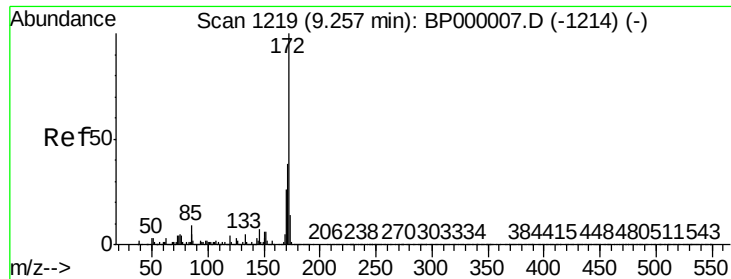
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.4
160	45.0	36.6	55.0



#42
 2,4,6-Tribromophenol
 Concen: 143.572 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BP000065.D
 Acq: 04 Sep 2019 14:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	38.9	33.6	50.4

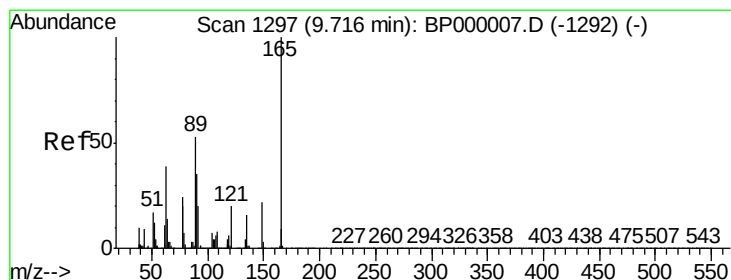
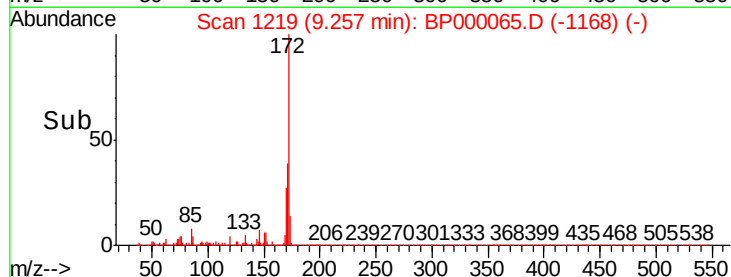
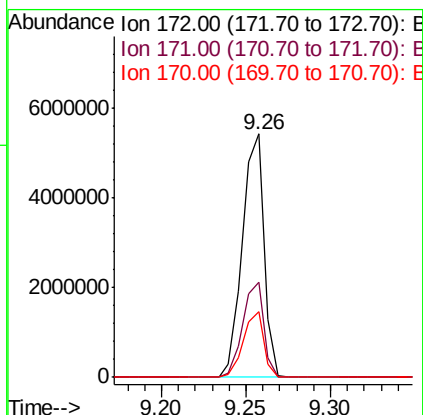
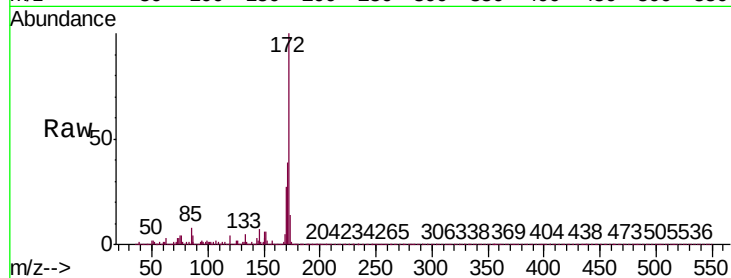




#45
2-Fluorobiphenyl
Concen: 85.809 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000065.D
Acq: 04 Sep 2019 14:37

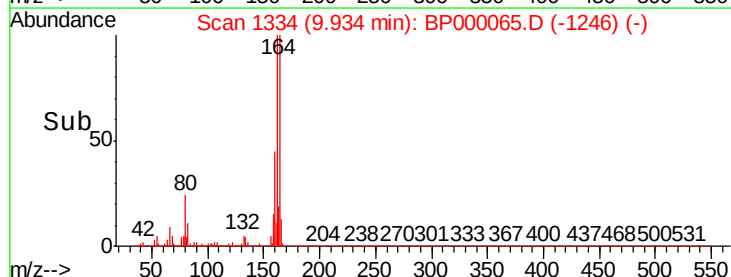
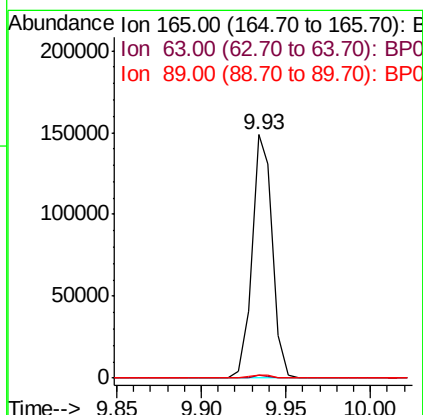
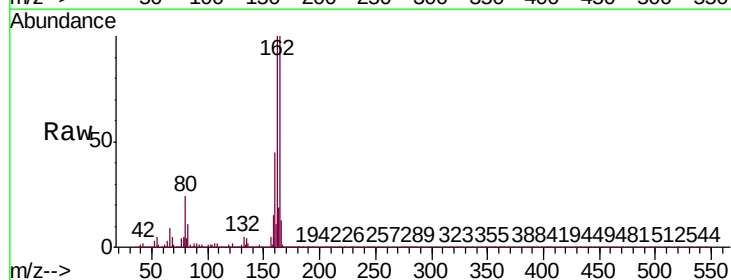
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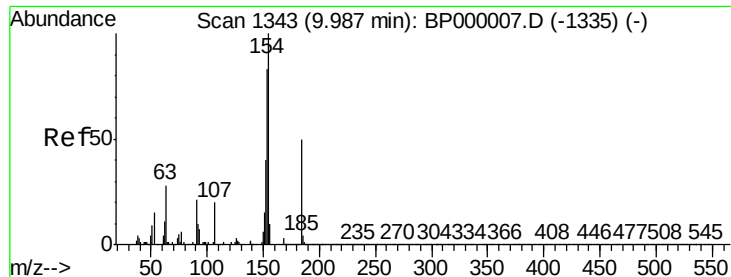
Tgt Ion:172 Resp: 4876170
Ion Ratio Lower Upper
172 100
171 39.2 30.7 46.1
170 26.9 20.7 31.1



#51
2,6-Dinitrotoluene
Concen: 9.061 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BP000065.D
Acq: 04 Sep 2019 14:37

Tgt Ion:165 Resp: 124380
Ion Ratio Lower Upper
165 100
63 1.0 35.8 53.6#
89 1.3 42.2 63.4#





#54

2,4-Dinitrophenol

Concen: 8.706 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BP000065.D

Acq: 04 Sep 2019 14:37

Instrument :

BNA_P

ClientSampleId :

PB122788BL

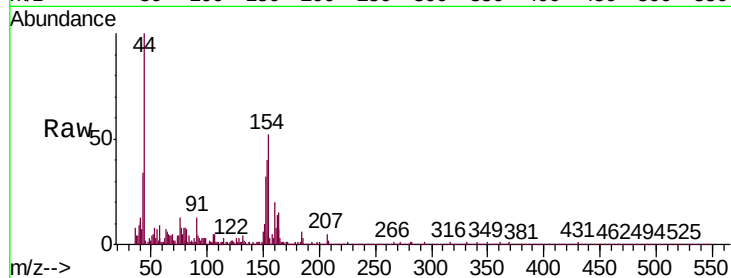
Tgt Ion:184 Resp: 332

Ion Ratio Lower Upper

184 100

63 121.9 46.0 69.0#

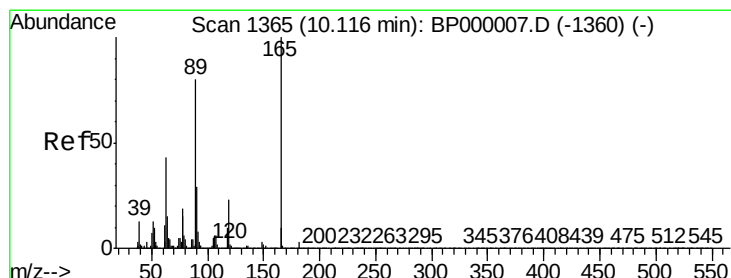
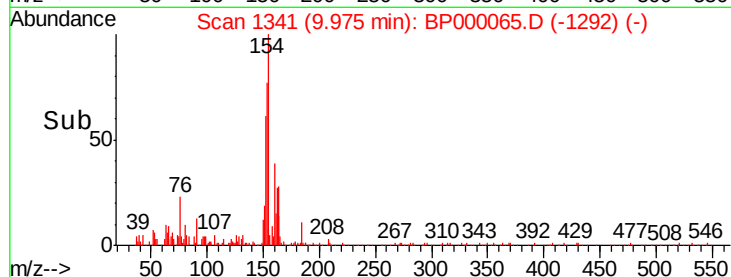
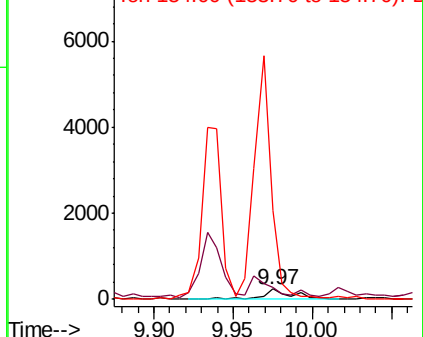
154 887.6 161.9 242.9#



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: 7.098 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.18 min

Lab File: BP000065.D

Acq: 04 Sep 2019 14:37

Tgt Ion:165 Resp: 124380

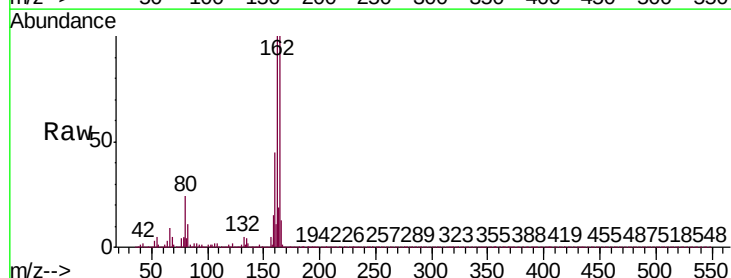
Ion Ratio Lower Upper

165 100

63 1.0 34.4 51.6#

89 1.3 64.3 96.5#

182 0.0 2.2 3.4#

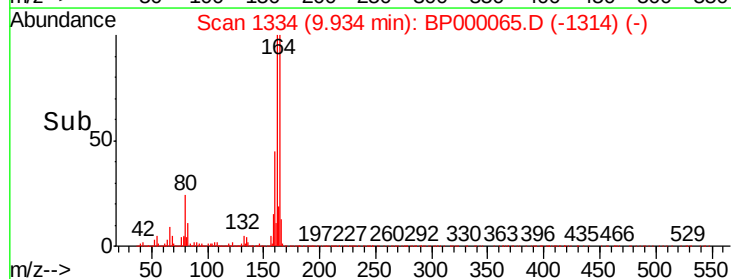
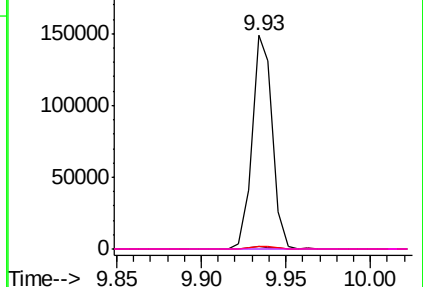


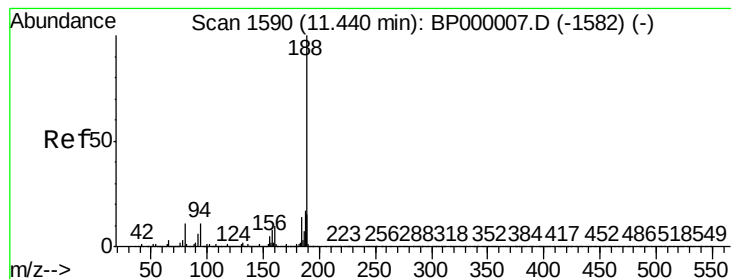
Abundance Ion 165.00 (164.70 to 165.70): E

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: BP000065.D

Acq: 04 Sep 2019 14:37

Instrument :

BNA_P

ClientSampleId :

PB122788BL

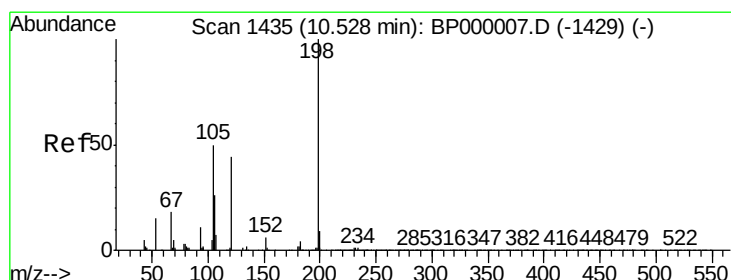
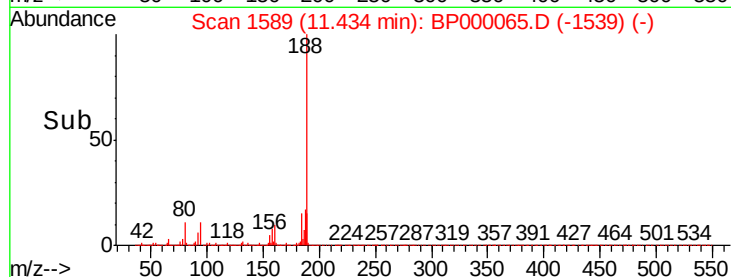
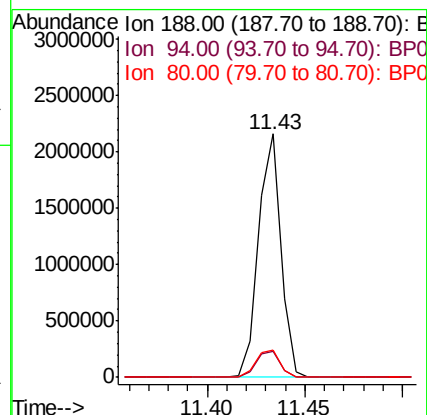
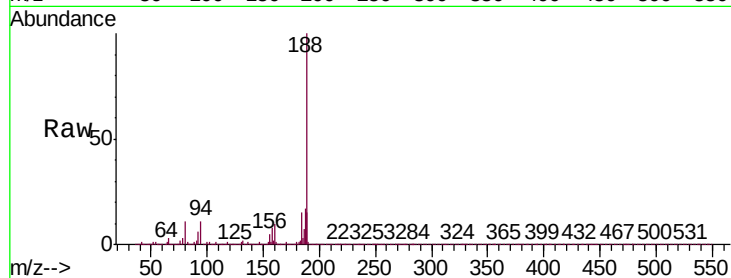
Tgt Ion:188 Resp: 1720968

Ion Ratio Lower Upper

188 100

94 10.8 8.8 13.2

80 11.0 9.0 13.6



#65

4,6-Dinitro-2-methylphenol

Concen: 7.748 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BP000065.D

Acq: 04 Sep 2019 14:37

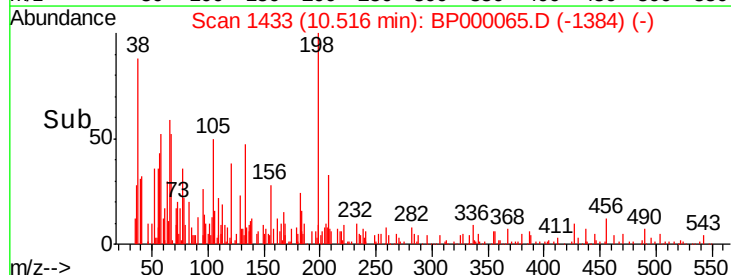
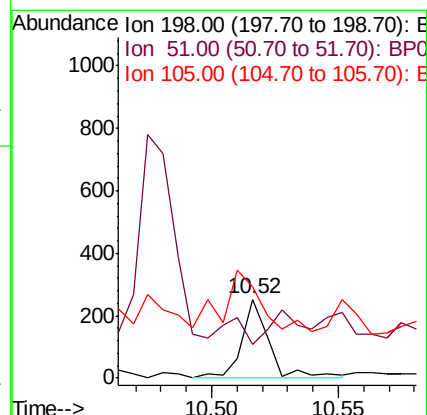
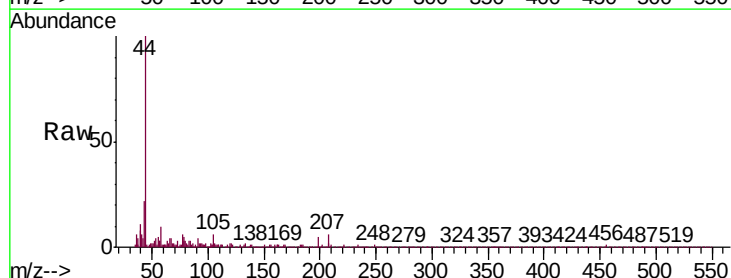
Tgt Ion:198 Resp: 188

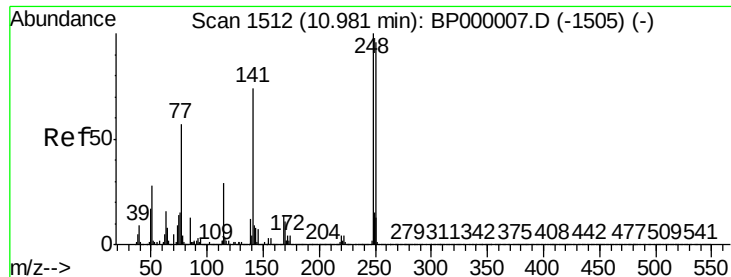
Ion Ratio Lower Upper

198 100

51 39.7 22.1 62.1

105 108.1 32.0 72.0#

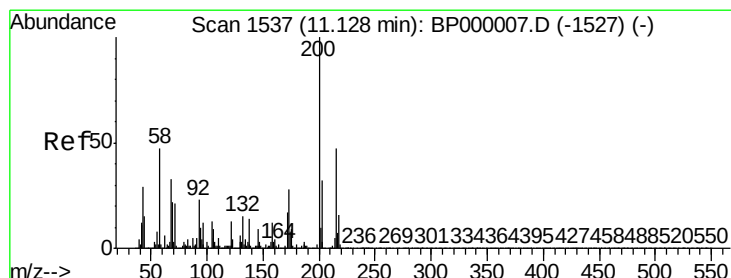
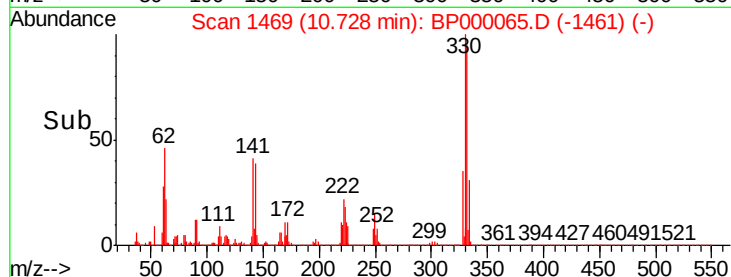
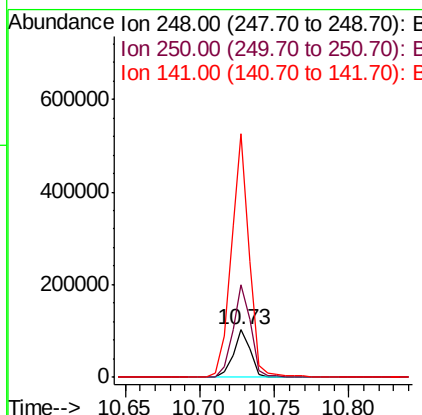
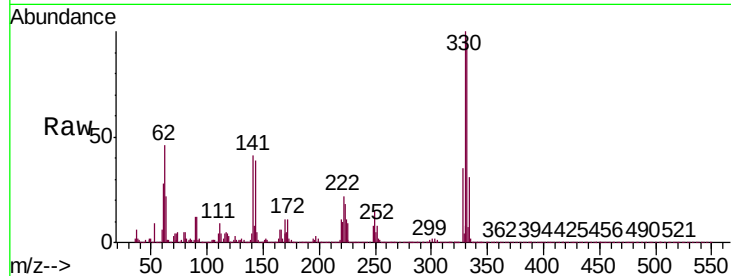




#67
4-Bromophenyl-phenylether
Concen: 4.800 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.25 min
Lab File: BP000065.D
Acq: 04 Sep 2019 14:37

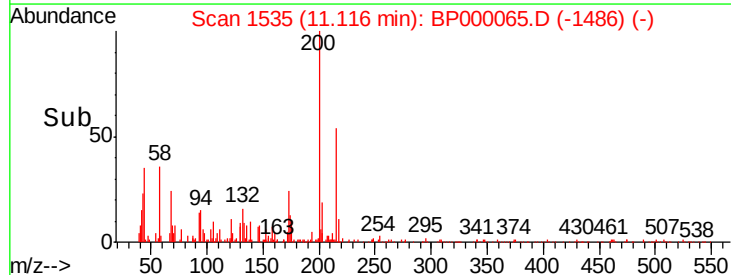
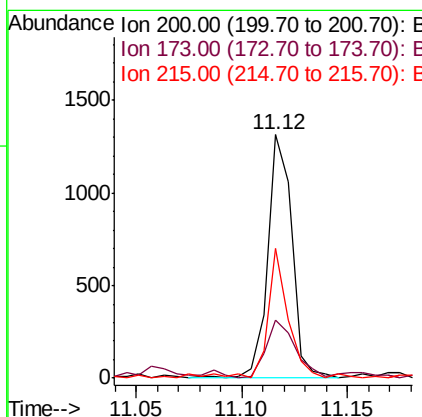
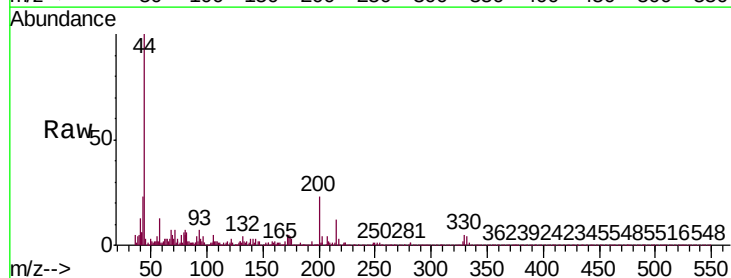
Instrument :
BNA_P
ClientSampleId :
PB122788BL

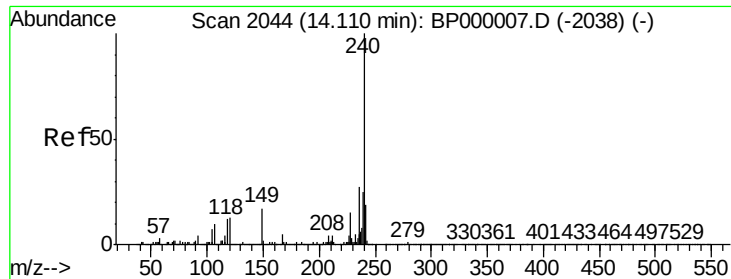
Tgt Ion:248 Resp: 83951
Ion Ratio Lower Upper
248 100
250 197.1 77.1 115.7#
141 516.2 59.5 89.3#



#69
Atrazine
Concen: Below Cal
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BP000065.D
Acq: 04 Sep 2019 14:37

Tgt Ion:200 Resp: 1051
Ion Ratio Lower Upper
200 100
173 23.8 8.1 48.1
215 53.4 26.7 66.7

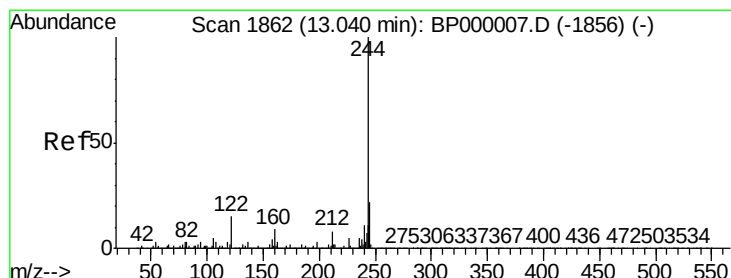
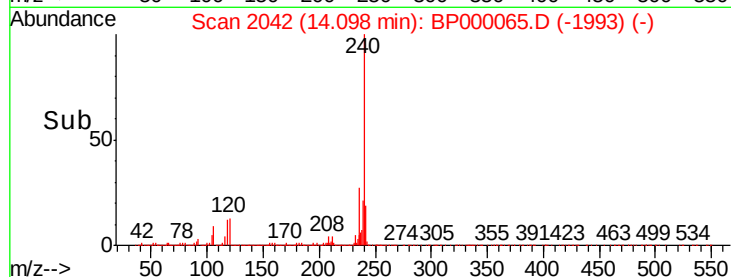
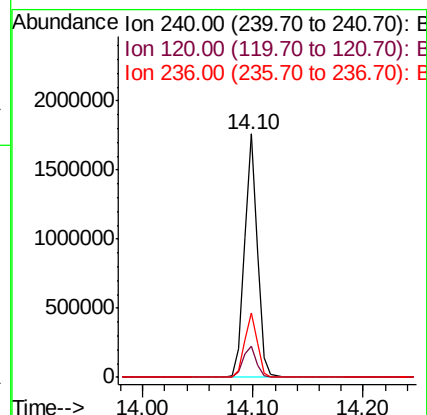
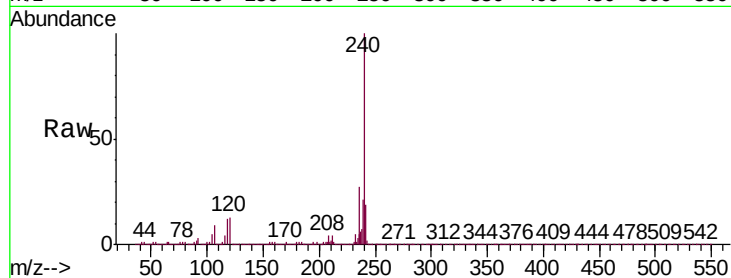




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP0000065.D
Acq: 04 Sep 2019 14:37

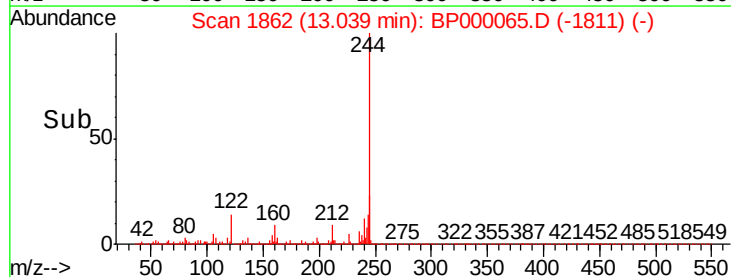
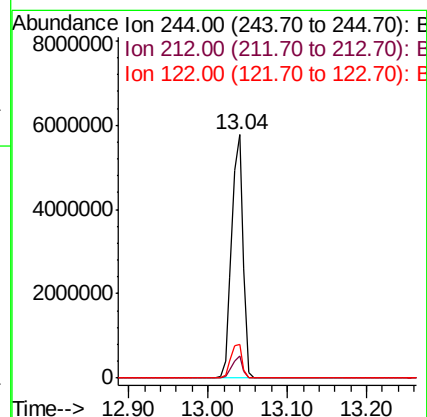
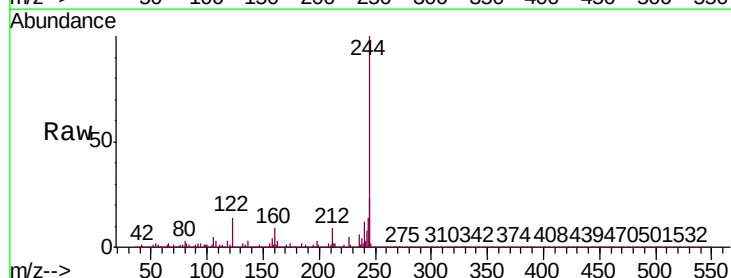
Instrument :
BNA_P
ClientSampleId :
PB122788BL

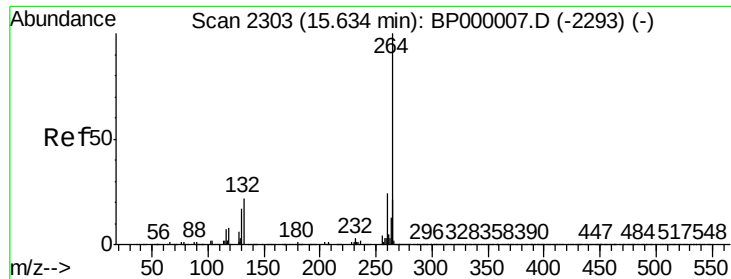
Tgt Ion:240 Resp: 1442326
Ion Ratio Lower Upper
240 100
120 12.7 10.5 15.7
236 26.7 21.5 32.3



#79
Terphenyl-d14
Concen: 87.162 ng
RT: 13.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BP0000065.D
Acq: 04 Sep 2019 14:37

Tgt Ion:244 Resp: 5767812
Ion Ratio Lower Upper
244 100
212 9.1 6.6 10.0
122 13.7 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: BP0000065.D
Acq: 04 Sep 2019 14:37

Instrument :
BNA_P
ClientSampleId :
PB122788BL

Tgt Ion: 264 Resp: 1545763

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.2	17.1	25.7

