

Data File : BP000063.D
Acq On : 04 Sep 2019 13:48
Operator : HP/JU
Sample : K4554-56
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5-(8-10)

Quant Time: Sep 05 05:49:37 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	498576	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1836451	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	994699	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1718231	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1419018	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1513441	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3577203	114.41	ng	0.00
7) Phenol-d6	6.52	99	4463816	113.09	ng	0.00
23) Nitrobenzene-d5	7.45	82	2497692	83.45	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1089846	129.99	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4663020	78.29	ng	0.00
79) Terphenyl-d14	13.04	244	4970014	76.34	ng	0.00

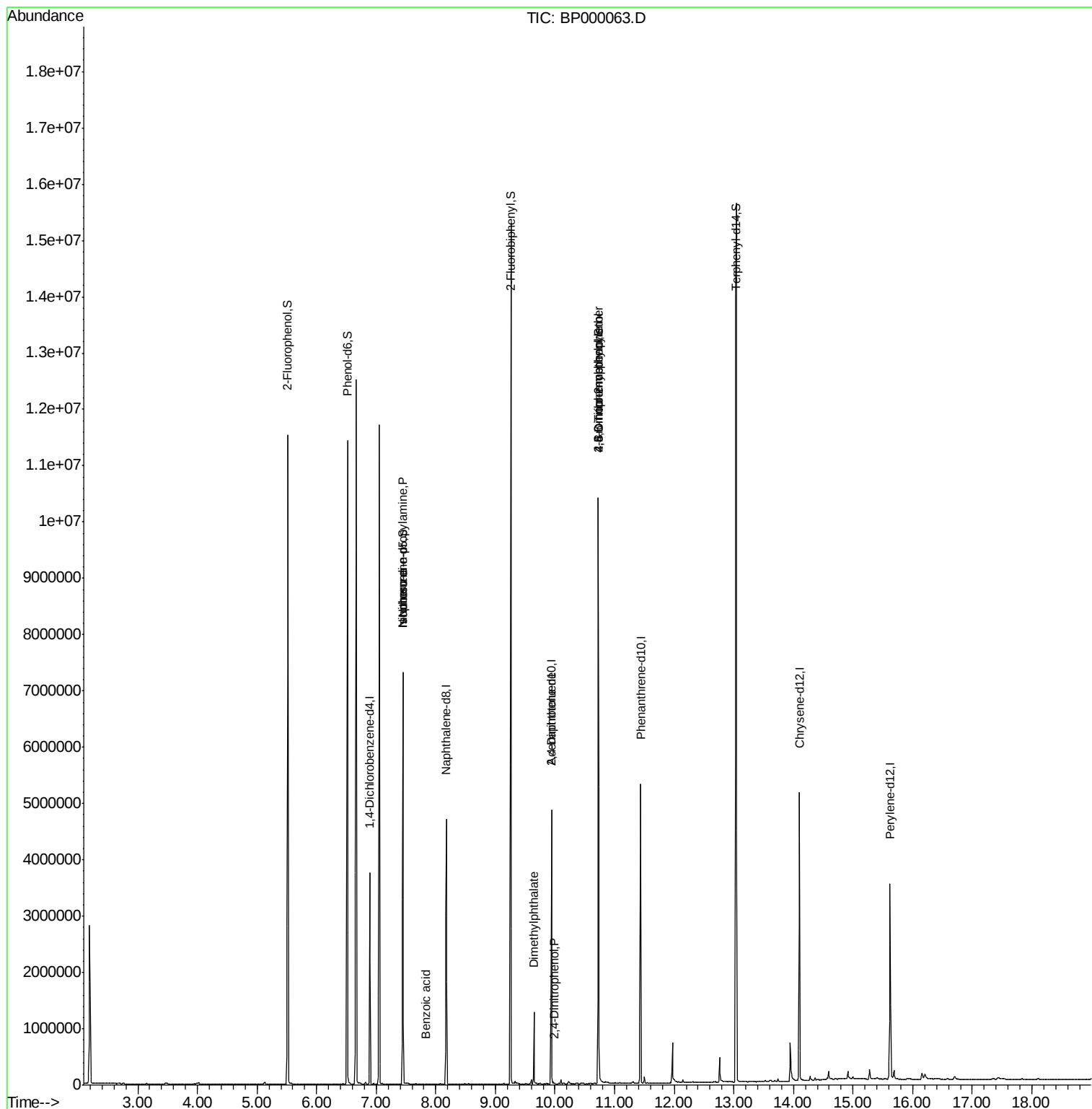
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.45	70	315098	14.027	ng	# 76
25) Isophorone	7.45	82	2497469	39.493	ng	# 66
32) Benzoic acid	7.83	122	779	8.100	ng	85
50) Dimethylphthalate	9.65	163	434990	6.417	ng	98
54) 2,4-Dinitrophenol	9.99	184	72	8.660	ng	# 1
57) 2,4-Dinitrotoluene	9.94	165	127891	6.963	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.73	198	3378	8.153	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	79158	4.533	ng	# 1
69) Atrazine	11.12	200	44	Below Cal		# 18

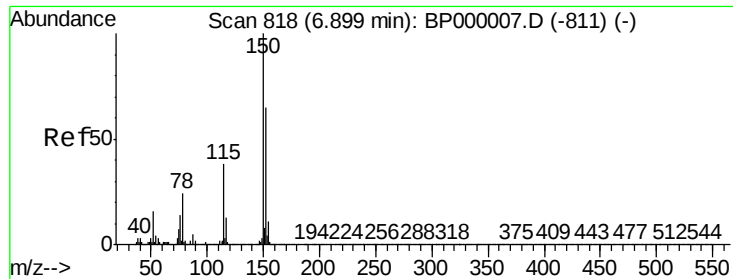
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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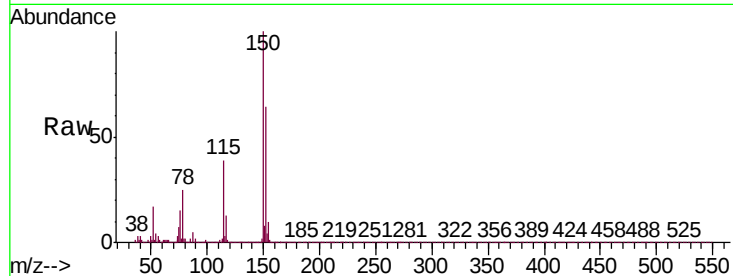


#1

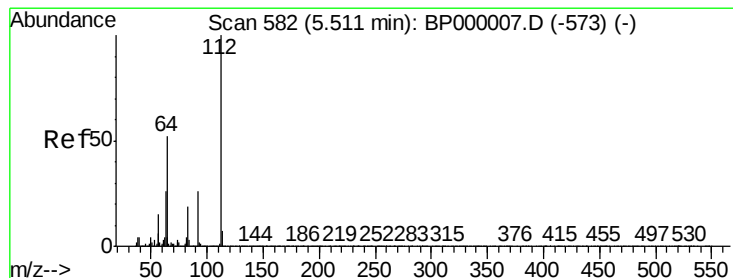
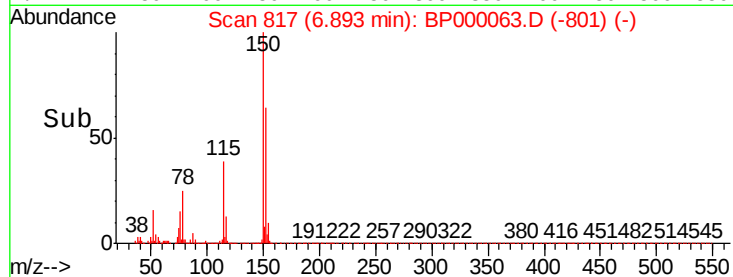
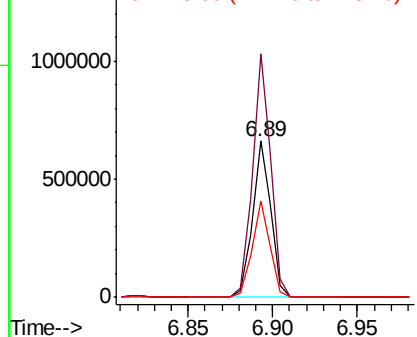
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000063.D
Acq: 04 Sep 2019 13:48

Instrument :
BNA_P
ClientSampleId :
SB-5-(8-10)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.0	184.6
115	61.5	46.7	70.1



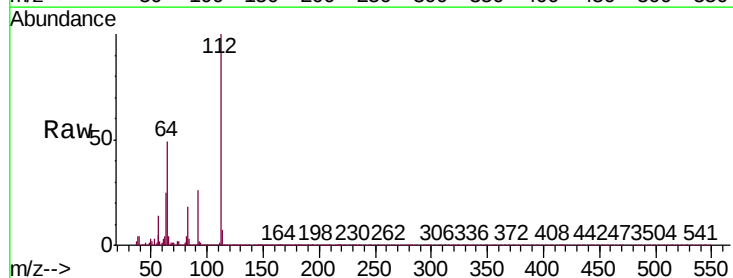
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



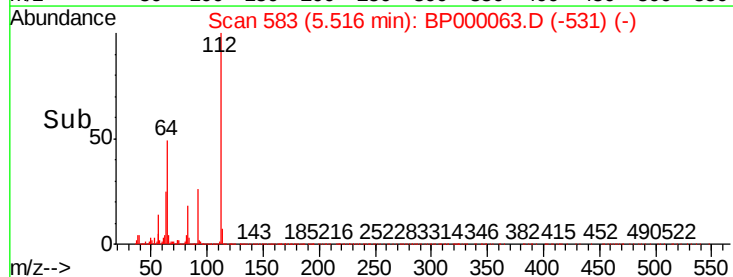
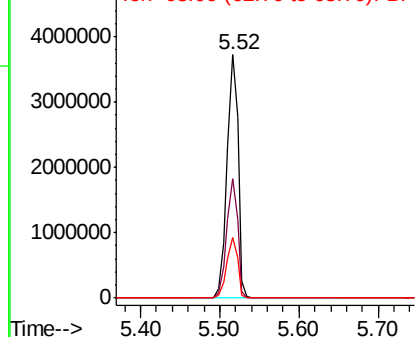
#5

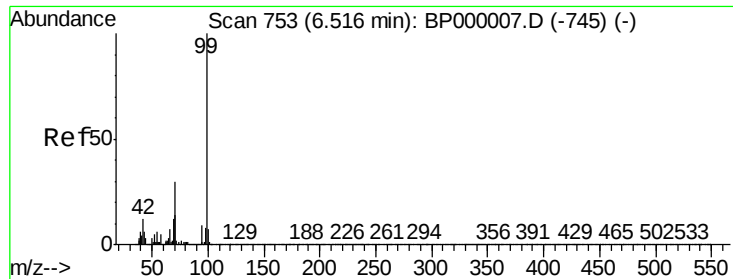
2-Fluorophenol
Concen: 114.412 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000063.D
Acq: 04 Sep 2019 13:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.9	41.8	62.8
63	24.9	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: 113.092 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000063.D

Acq: 04 Sep 2019 13:48

Instrument :

BNA_P

ClientSampleId :

SB-5-(8-10)

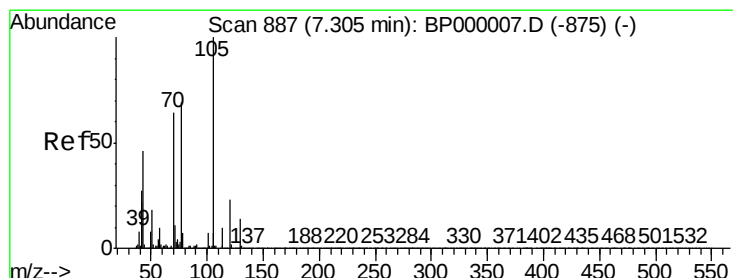
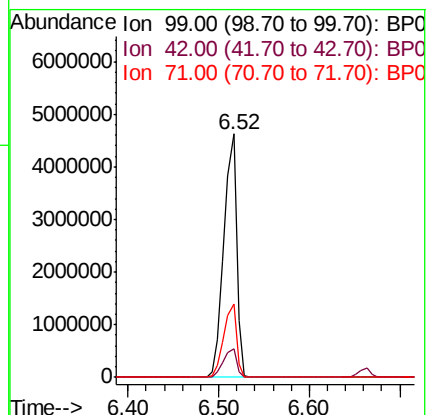
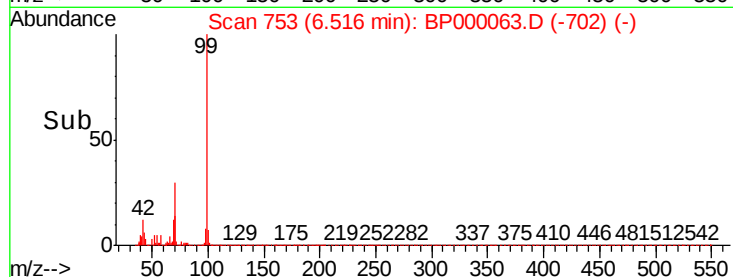
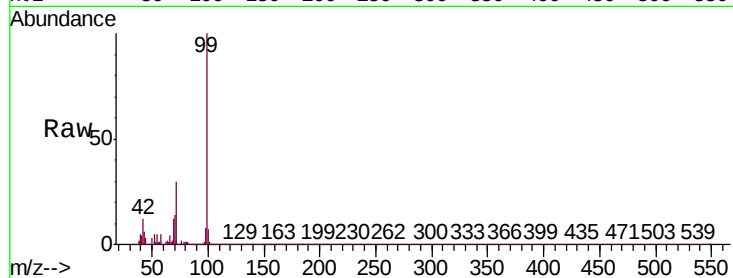
Tgt Ion: 99 Resp: 4463816

Ion Ratio Lower Upper

99 100

42 11.8 9.8 14.8

71 30.3 23.8 35.8



#19

n-Nitroso-di-n-propylamine

Concen: 14.027 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.15 min

Lab File: BP000063.D

Acq: 04 Sep 2019 13:48

Tgt Ion: 70 Resp: 315098

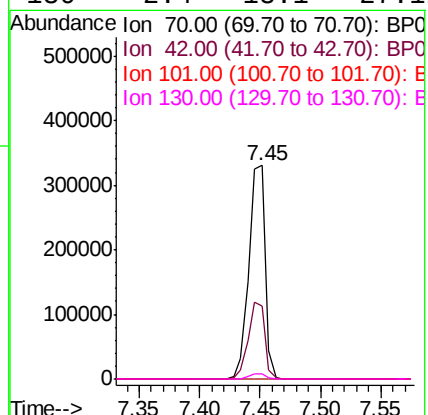
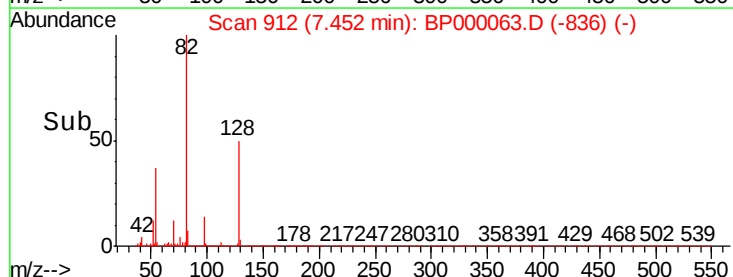
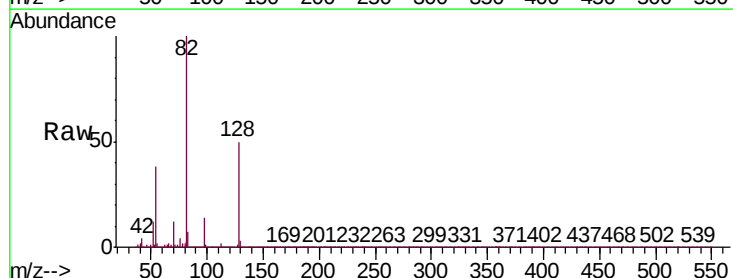
Ion Ratio Lower Upper

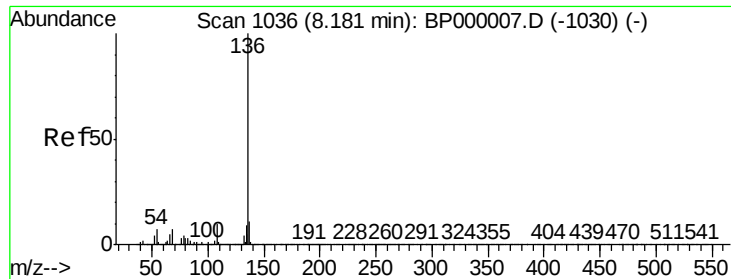
70 100

42 34.0 33.8 50.6

101 0.0 8.7 13.1#

130 2.4 18.1 27.1#

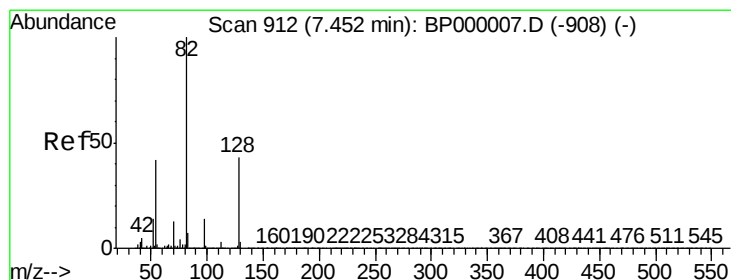
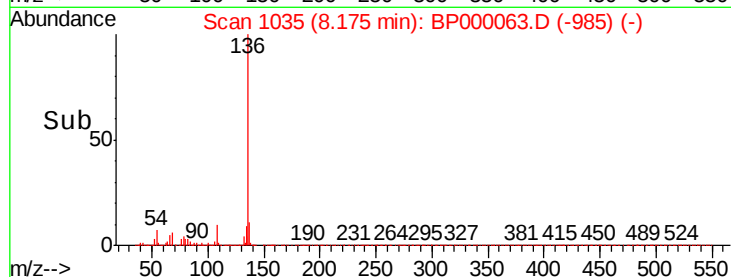
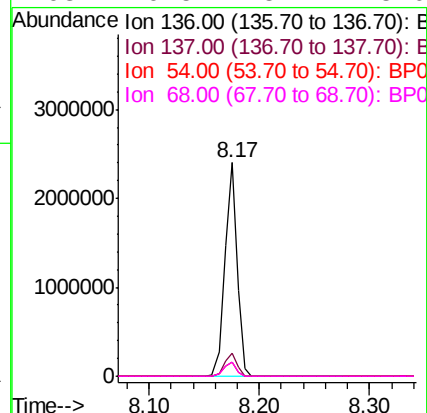
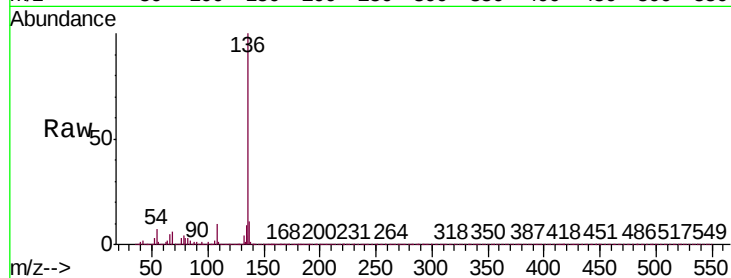




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000063.D
Acq: 04 Sep 2019 13:48

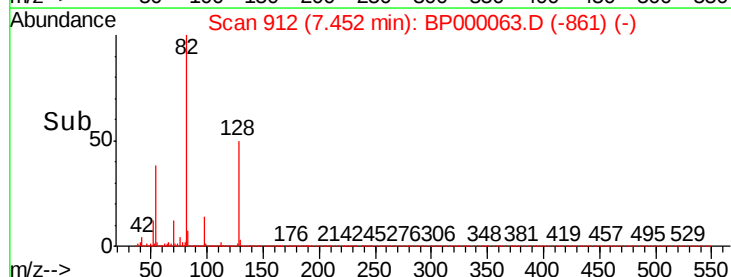
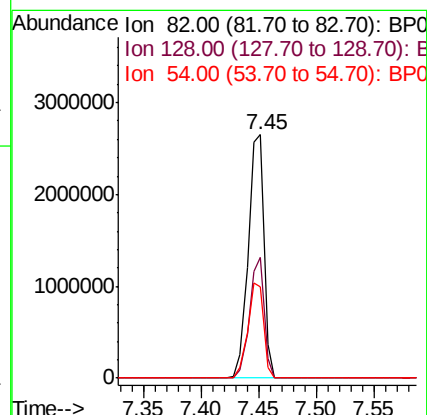
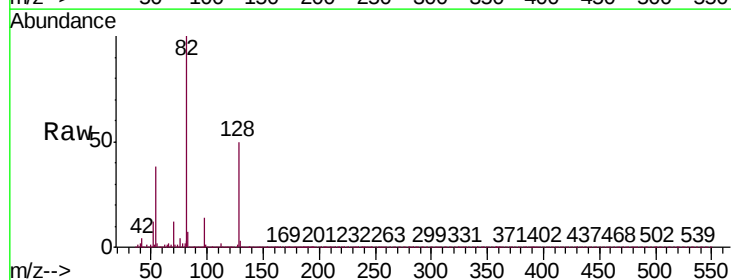
Instrument :
BNA_P
ClientSampleId :
SB-5-(8-10)

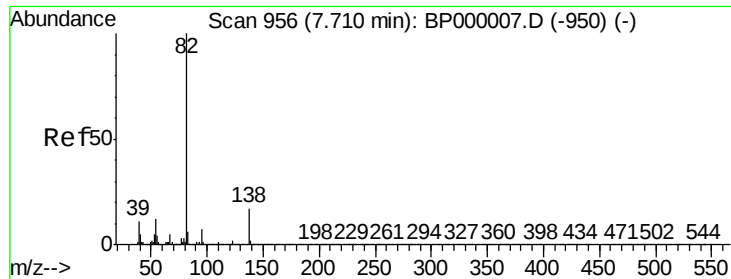
Tgt Ion:	136	Resp:	1836451
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.5	5.4	8.2
68	6.5	5.4	8.0



#23
Nitrobenzene-d5
Concen: 83.453 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BP000063.D
Acq: 04 Sep 2019 13:48

Tgt Ion:	82	Resp:	2497692
Ion	Ratio	Lower	Upper
82	100		
128	49.7	34.5	51.7
54	37.5	33.2	49.8





#25

Isophorone

Concen: 39.493 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BP000063.D

Acq: 04 Sep 2019 13:48

Instrument :

BNA_P

ClientSampleId :

SB-5-(8-10)

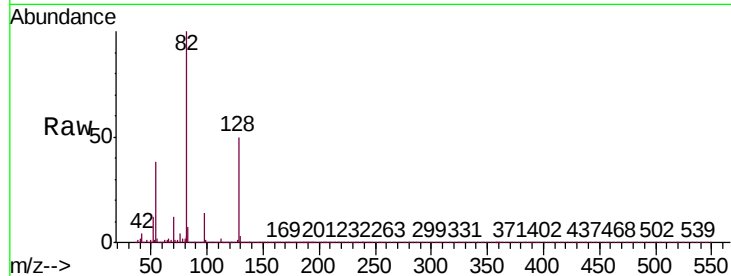
Tgt Ion: 82 Resp: 2497469

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

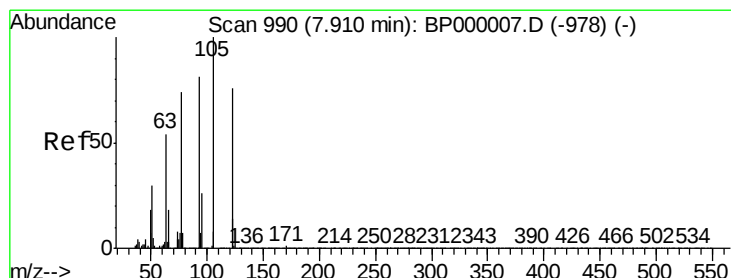
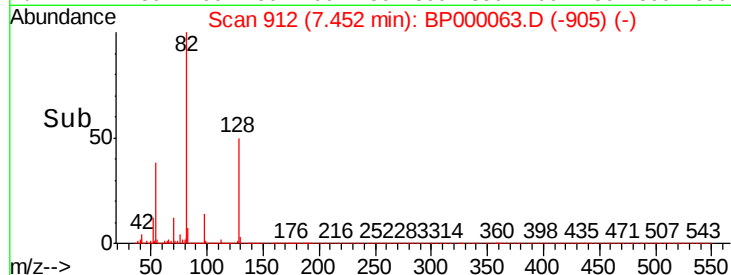
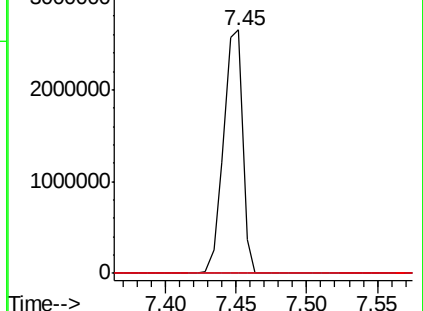
138 0.0 13.8 20.6#



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: 8.100 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.08 min

Lab File: BP000063.D

Acq: 04 Sep 2019 13:48

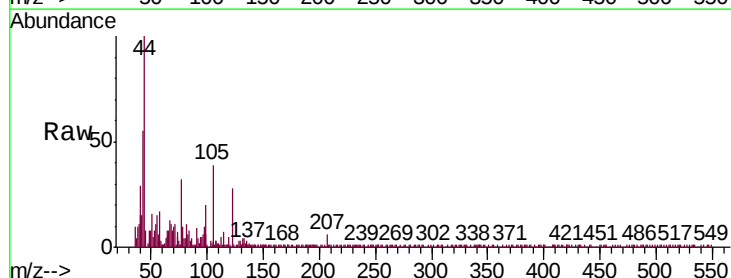
Tgt Ion: 122 Resp: 779

Ion Ratio Lower Upper

122 100

105 139.3 104.6 144.6

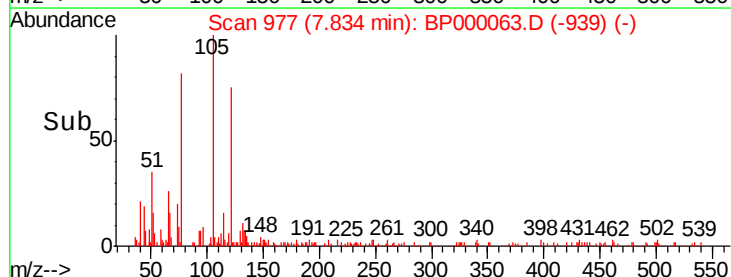
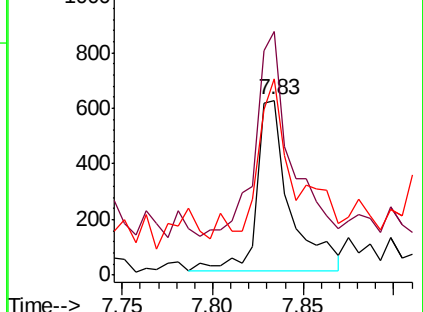
77 112.2 74.1 114.1

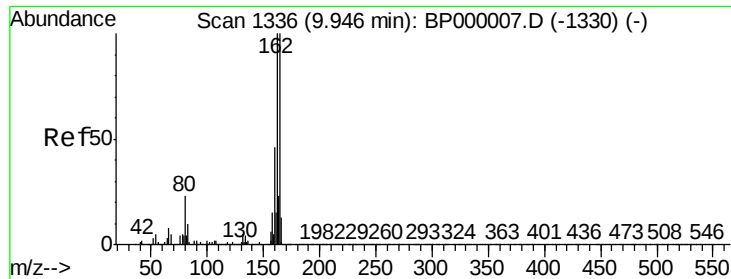


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

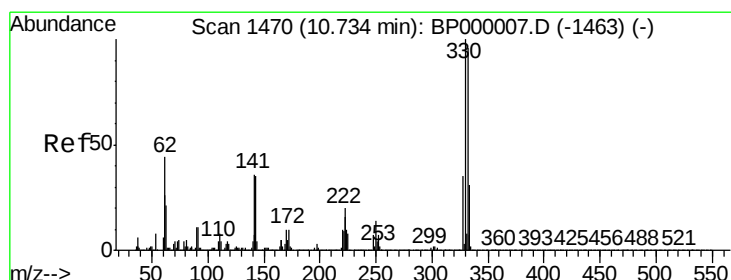
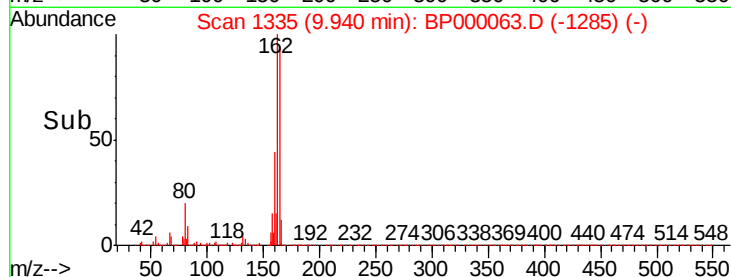
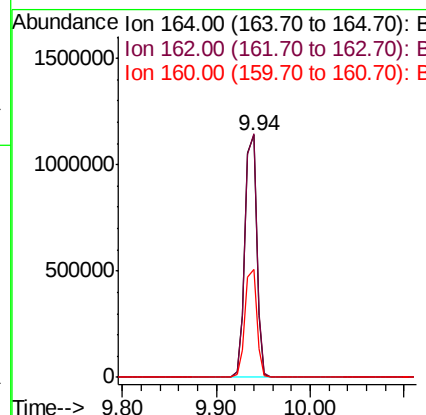
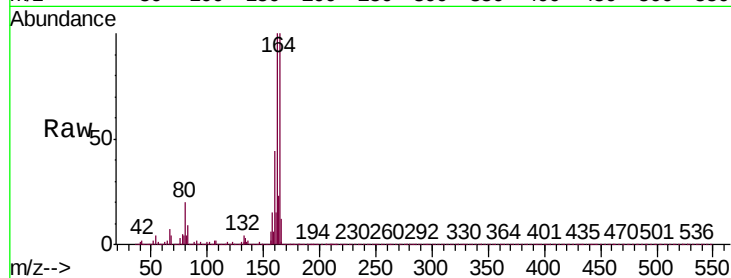




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000063.D
Acq: 04 Sep 2019 13:48

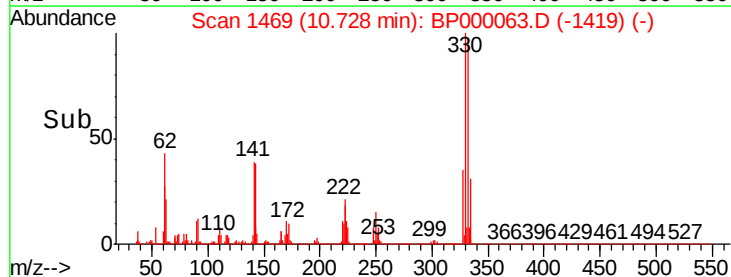
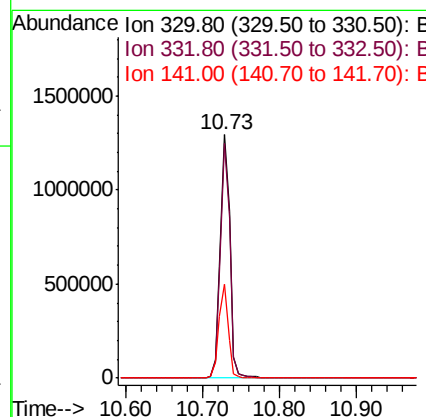
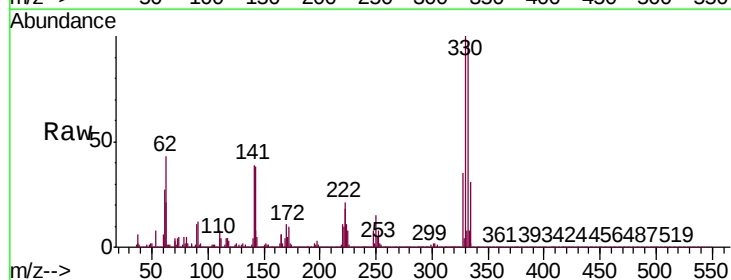
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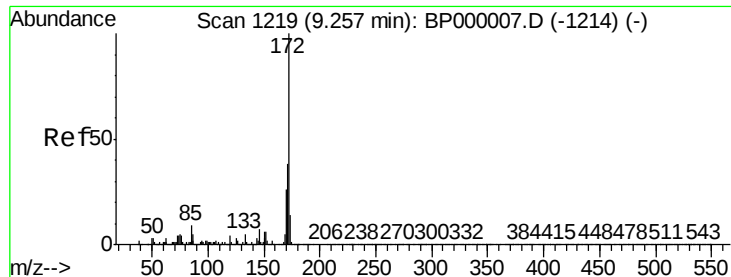
Tgt Ion:164 Resp: 994699
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.4
160 44.7 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 129.986 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000063.D
Acq: 04 Sep 2019 13:48

Tgt Ion:330 Resp: 1089846
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 38.4 33.6 50.4

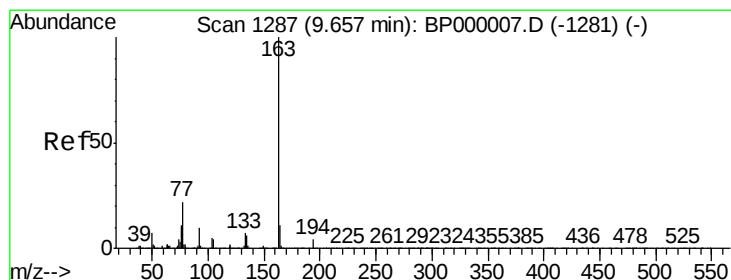
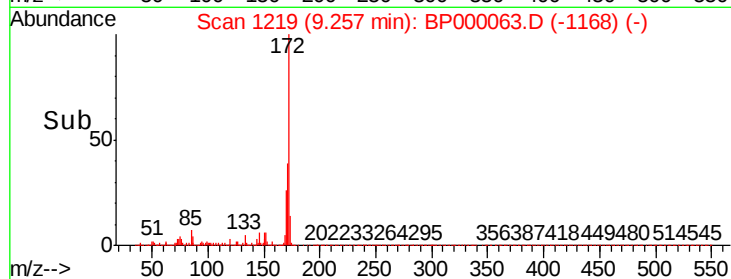
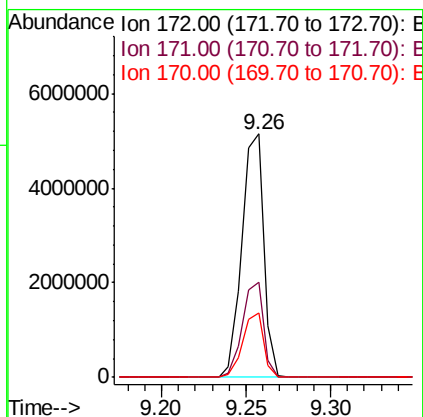
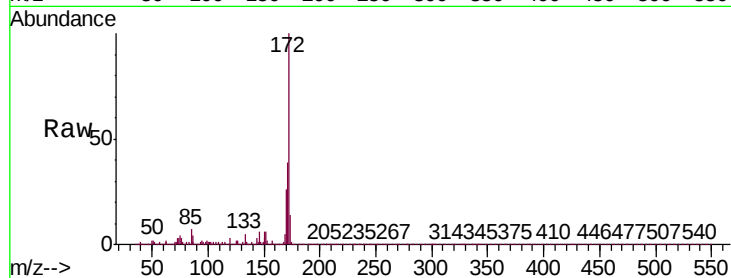




#45
2-Fluorobiphenyl
Concen: 78.287 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000063.D
Acq: 04 Sep 2019 13:48

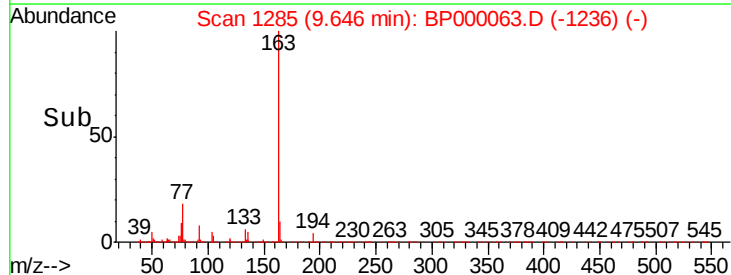
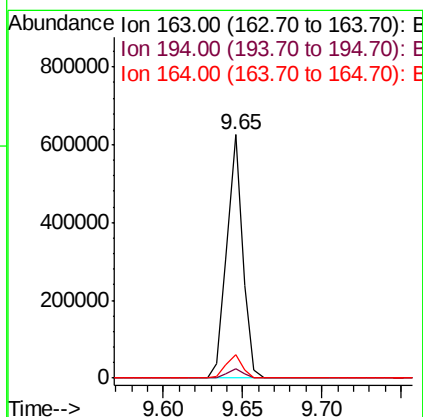
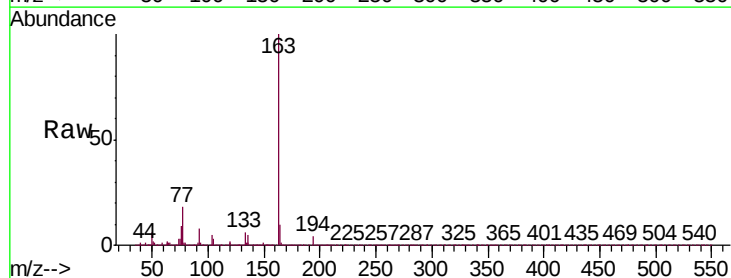
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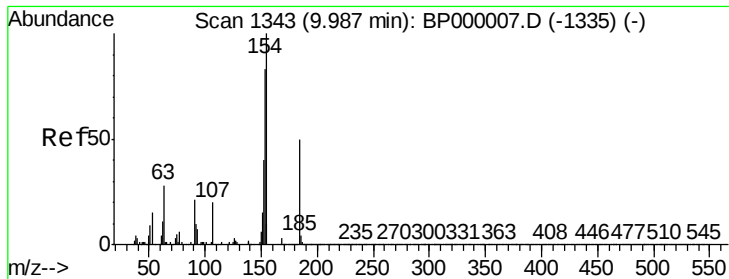
Tgt Ion:172 Resp: 4663020
Ion Ratio Lower Upper
172 100
171 38.9 30.7 46.1
170 26.3 20.7 31.1



#50
Dimethylphthalate
Concen: 6.417 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000063.D
Acq: 04 Sep 2019 13:48

Tgt Ion:163 Resp: 434990
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.7 8.4 12.6





#54

2,4-Dinitrophenol

Concen: 8.660 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BP000063.D

Acq: 04 Sep 2019 13:48

Instrument :

BNA_P

ClientSampled :

SB-5-(8-10)

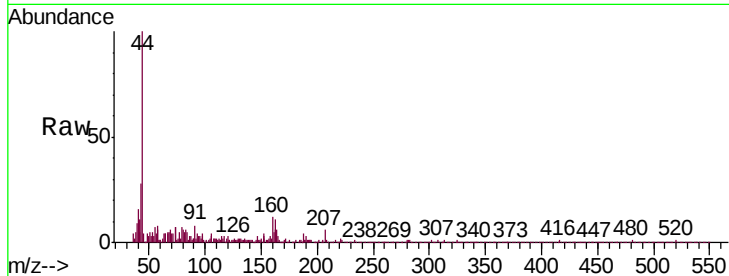
Tgt Ion:184 Resp: 72

Ion Ratio Lower Upper

184 100

63 283.3 46.0 69.0#

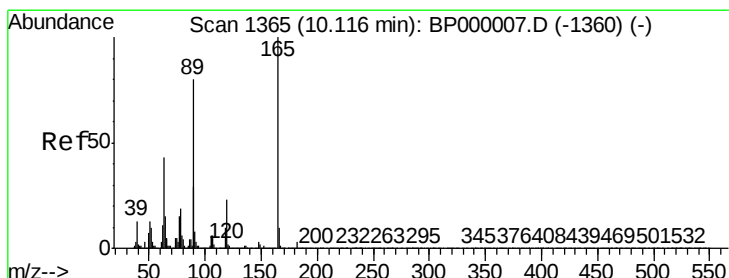
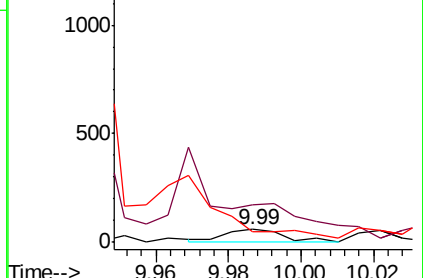
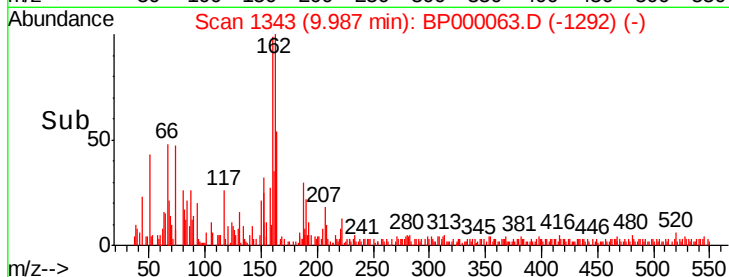
154 85.0 161.9 242.9#



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: 6.963 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.18 min

Lab File: BP000063.D

Acq: 04 Sep 2019 13:48

Tgt Ion:165 Resp: 127891

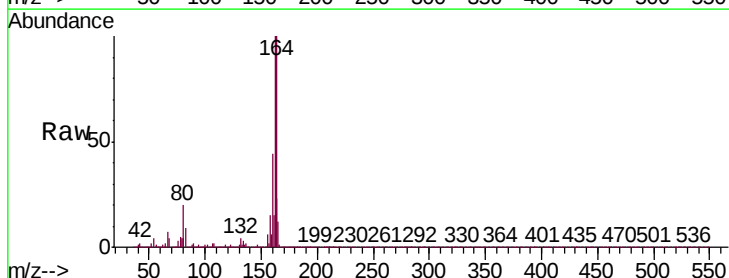
Ion Ratio Lower Upper

165 100

63 1.2 34.4 51.6#

89 1.4 64.3 96.5#

182 0.0 2.2 3.4#

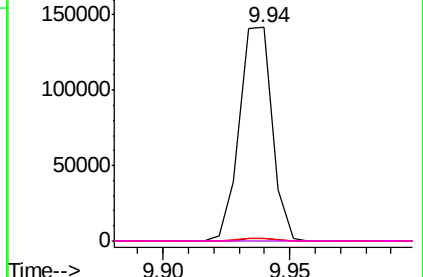
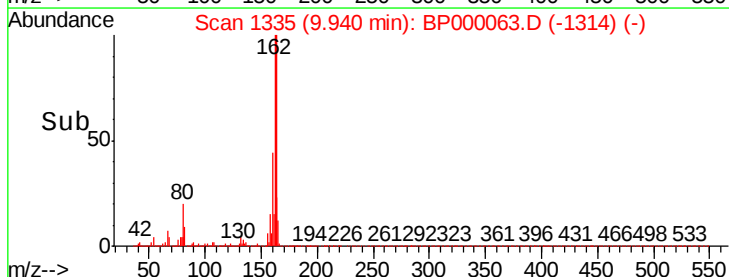


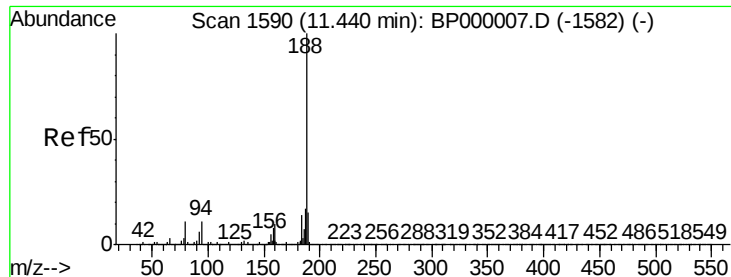
Abundance Ion 165.00 (164.70 to 165.70): E

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

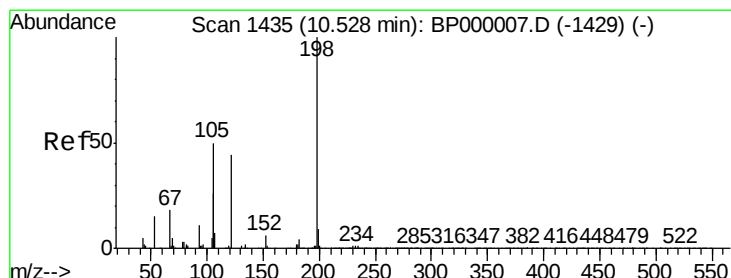
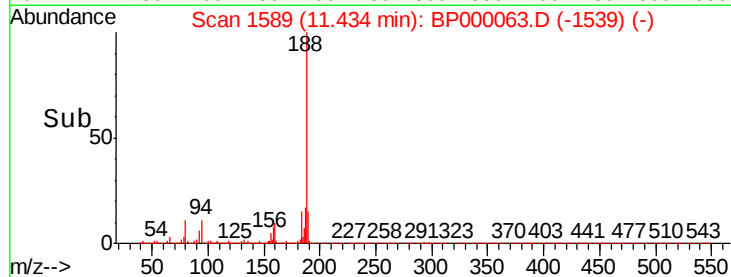
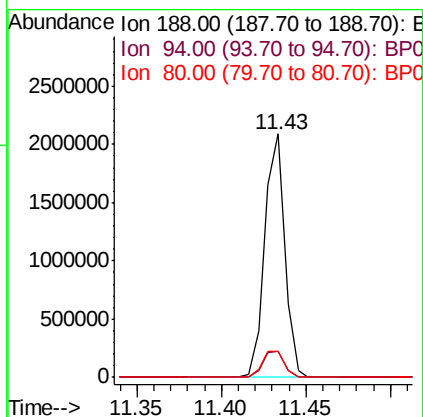
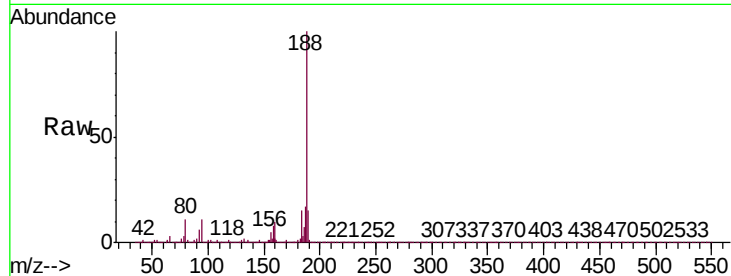




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000063.D
Acq: 04 Sep 2019 13:48

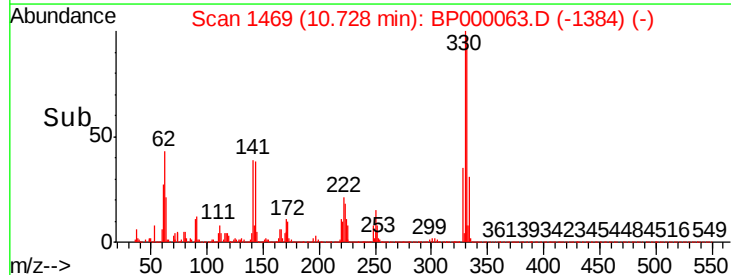
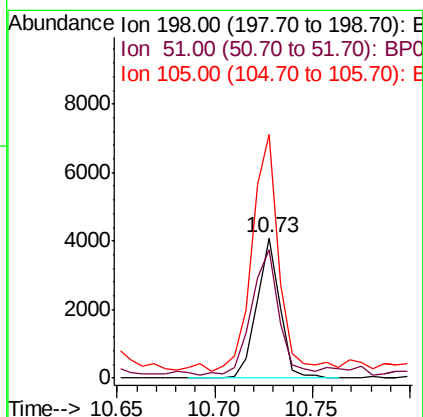
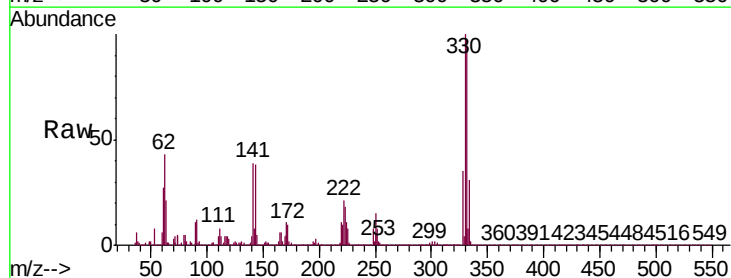
Instrument :
BNA_P
ClientSampled :
SB-5-(8-10)

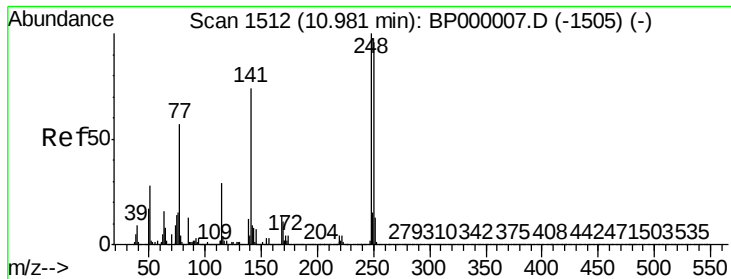
Tgt Ion:188 Resp: 1718231
Ion Ratio Lower Upper
188 100
94 10.6 8.8 13.2
80 10.9 9.0 13.6



#65
4,6-Dinitro-2-methylphenol
Concen: 8.153 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.20 min
Lab File: BP000063.D
Acq: 04 Sep 2019 13:48

Tgt Ion:198 Resp: 3378
Ion Ratio Lower Upper
198 100
51 91.9 22.1 62.1#
105 173.4 32.0 72.0#

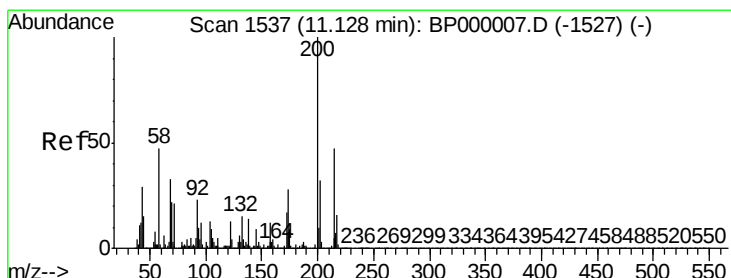
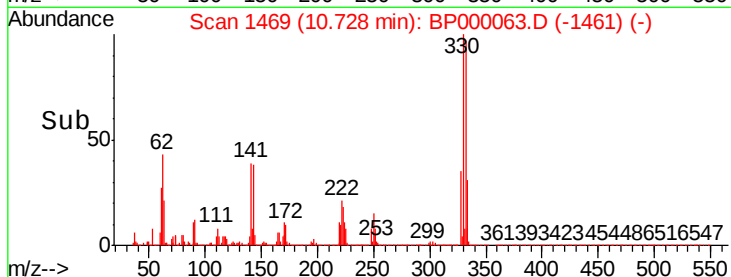
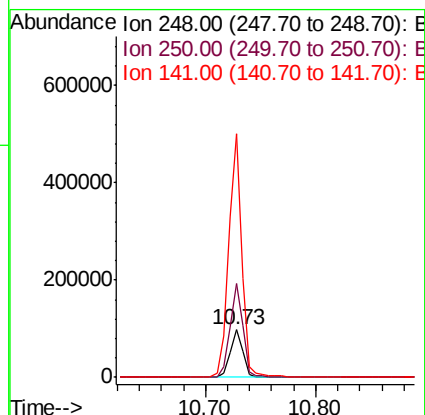
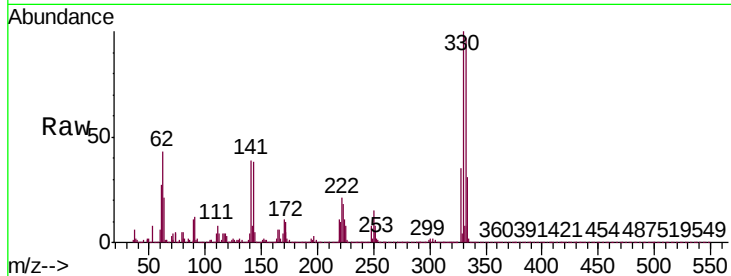




#67
4-Bromophenyl-phenylether
Concen: 4.533 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.25 min
Lab File: BP000063.D
Acq: 04 Sep 2019 13:48

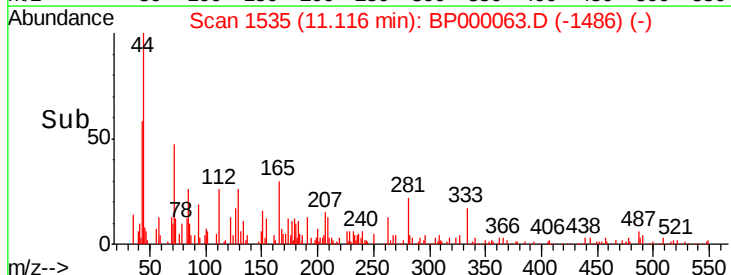
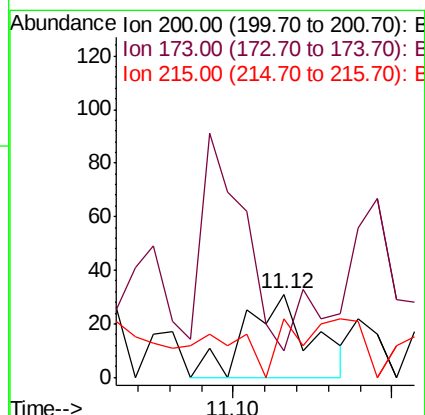
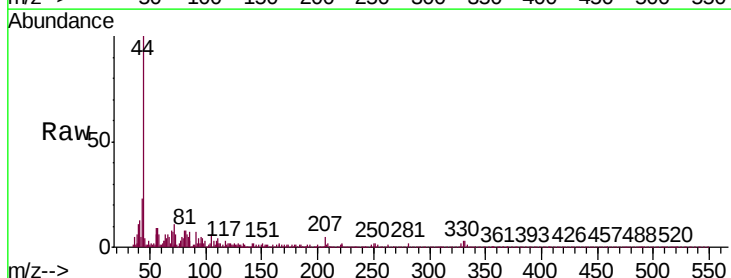
Instrument :
BNA_P
ClientSampleId :
SB-5-(8-10)

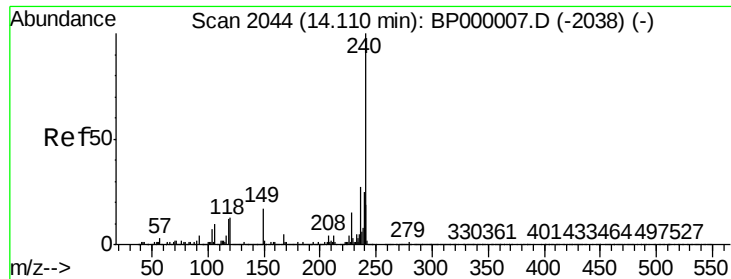
Tgt Ion:248 Resp: 79158
Ion Ratio Lower Upper
248 100
250 199.0 77.1 115.7#
141 514.0 59.5 89.3#



#69
Atrazine
Concen: Below Cal
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BP000063.D
Acq: 04 Sep 2019 13:48

Tgt Ion:200 Resp: 44
Ion Ratio Lower Upper
200 100
173 138.6 8.1 48.1#
215 50.0 26.7 66.7

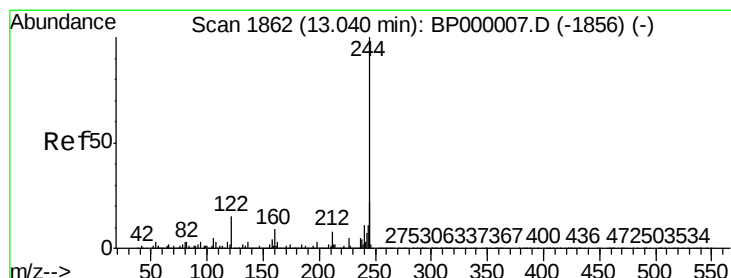
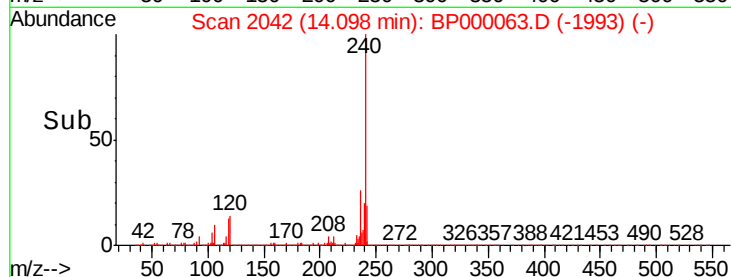
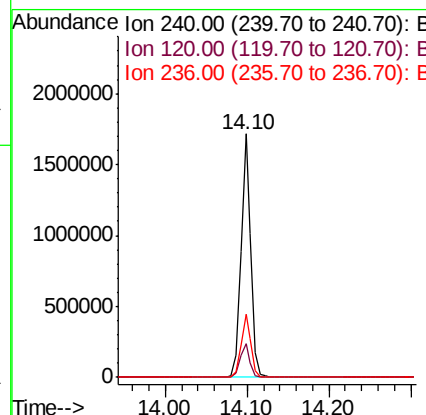
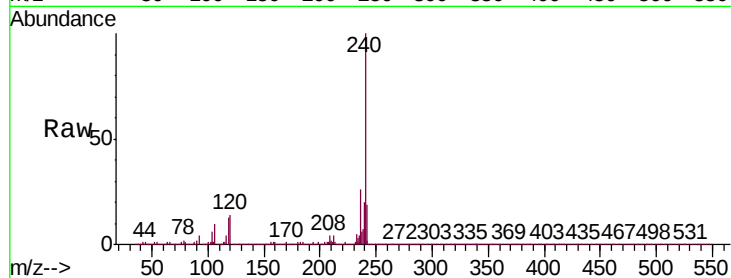




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000063.D
Acq: 04 Sep 2019 13:48

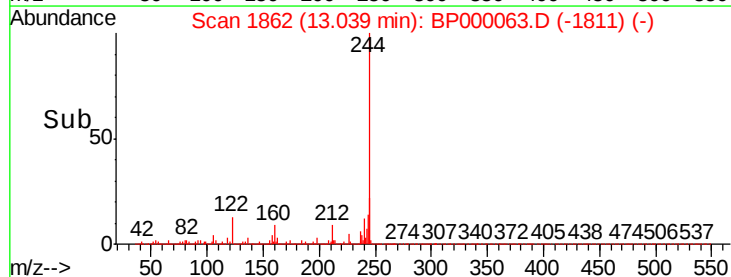
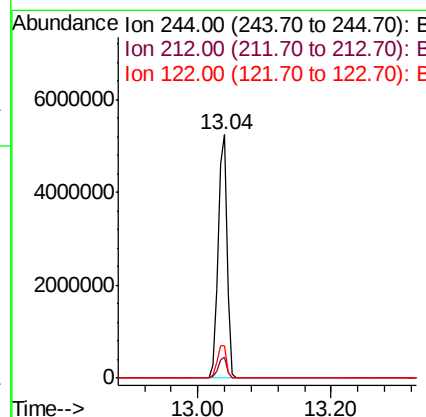
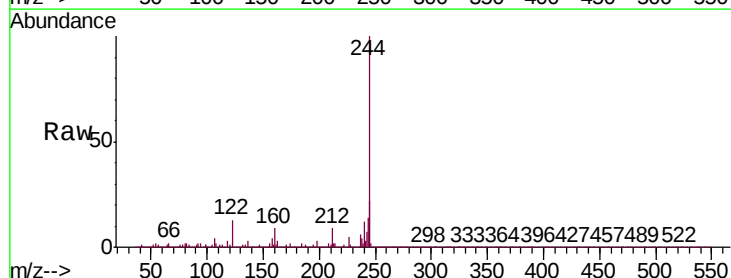
Instrument :
BNA_P
ClientSampleId :
SB-5-(8-10)

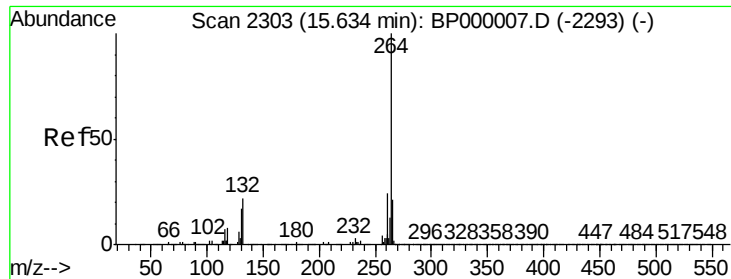
Tgt Ion:240 Resp: 1419018
Ion Ratio Lower Upper
240 100
120 14.1 10.5 15.7
236 26.1 21.5 32.3



#79
Terphenyl-d14
Concen: 76.339 ng
RT: 13.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BP000063.D
Acq: 04 Sep 2019 13:48

Tgt Ion:244 Resp: 4970014
Ion Ratio Lower Upper
244 100
212 8.5 6.6 10.0
122 13.2 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: BP000063.D
Acq: 04 Sep 2019 13:48

Instrument :
BNA_P
ClientSampleId :
SB-5-(8-10)

Tgt Ion: 264 Resp: 1513441
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.0 17.1 25.7

