

Data File : BP000070.D
Acq On : 04 Sep 2019 16:39
Operator : HP/JU
Sample : K4645-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S700A1-N-1.0-1.5-083019

Quant Time: Sep 05 05:53:55 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	455138	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1694846	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	928302	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1676745	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1373671	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1473613	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2566526	89.92	ng	0.00
7) Phenol-d6	6.51	99	3377759	93.74	ng	0.00
23) Nitrobenzene-d5	7.45	82	1864058	67.49	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	807408	103.19	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3531470	63.53	ng	0.00
79) Terphenyl-d14	13.03	244	3773649	59.88	ng	0.00

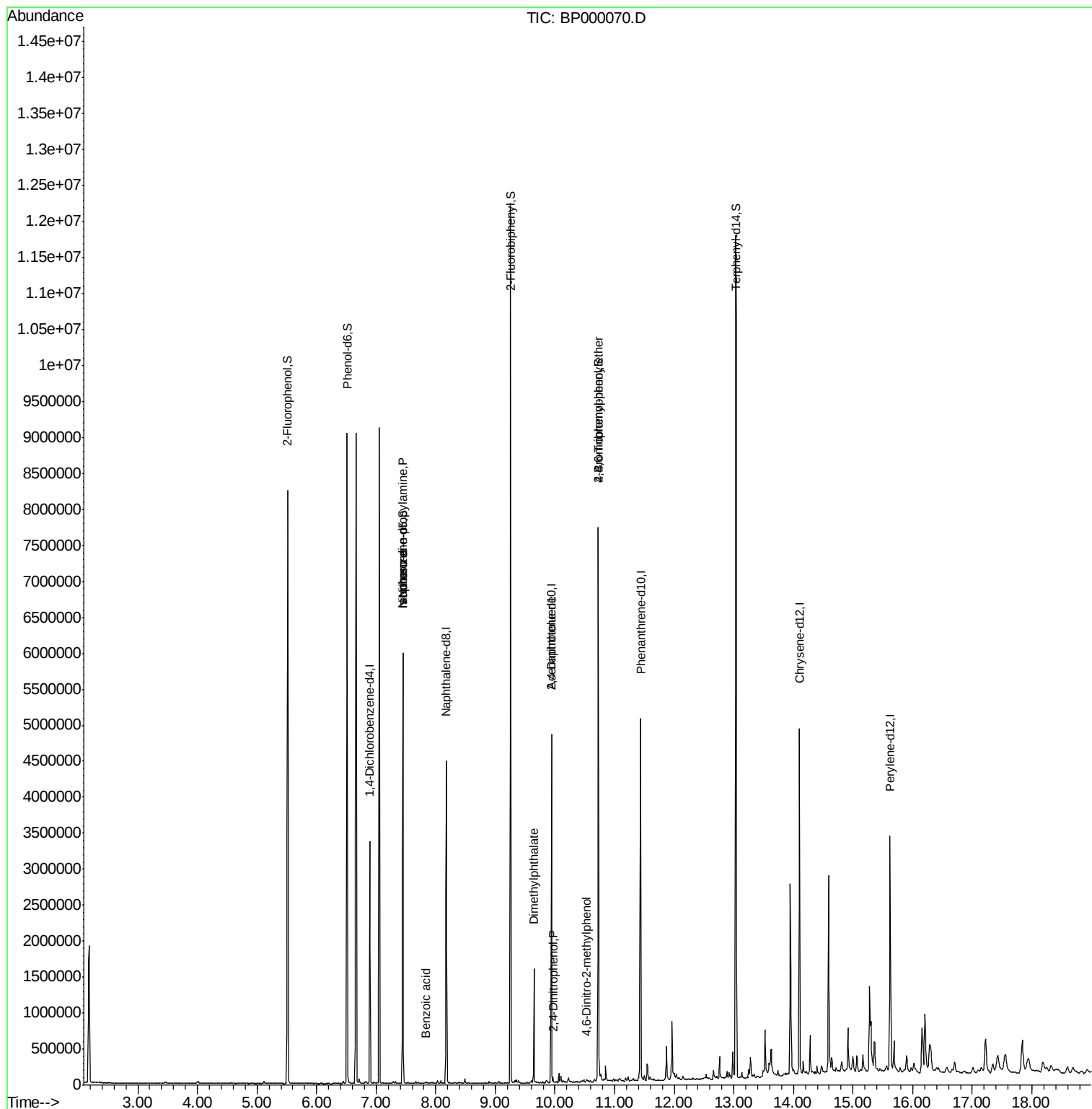
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.45	70	230024	11.217	ng	# 78
25) Isophorone	7.45	82	1862319	31.910	ng	# 66
32) Benzoic acid	7.83	122	3701	8.257	ng	98
50) Dimethylphthalate	9.65	163	537197	8.492	ng	99
54) 2,4-Dinitrophenol	9.97	184	581	8.751	ng	# 1
57) 2,4-Dinitrotoluene	9.94	165	120679	7.040	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.52	198	291	7.762	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	58622	3.440	ng	# 1
69) Atrazine	11.12	200	1007	Below Cal		93

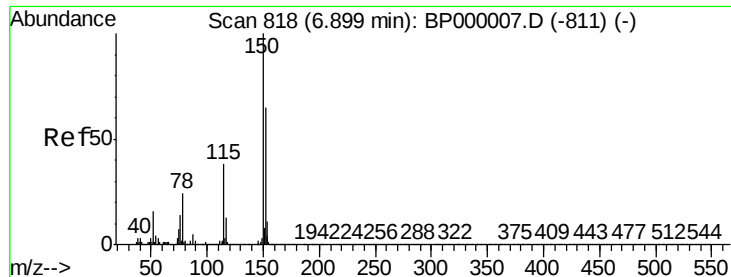
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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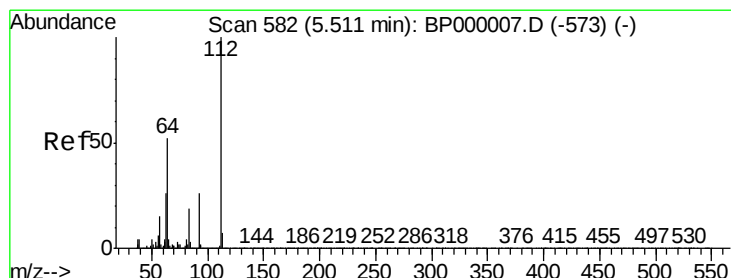
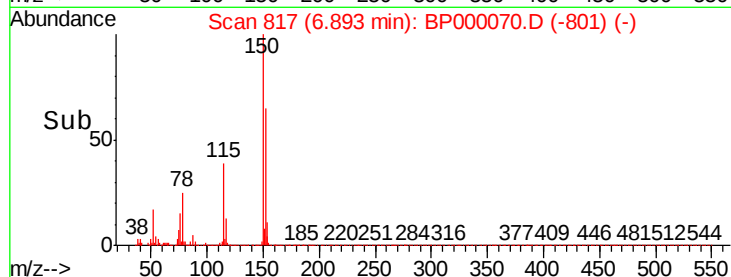
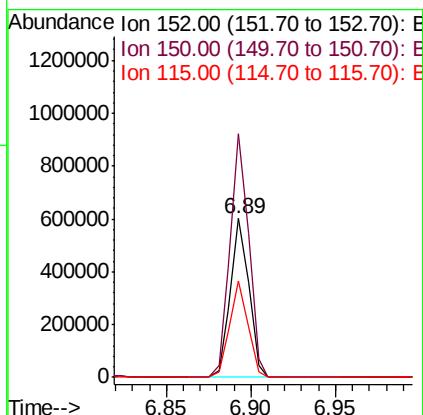
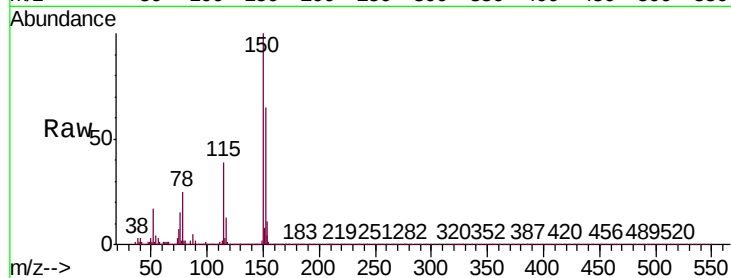


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000070.D
Acq: 04 Sep 2019 16:39

Instrument :
BNA_P
ClientSampleId :
S700A1-N-1.0-1.5-083019

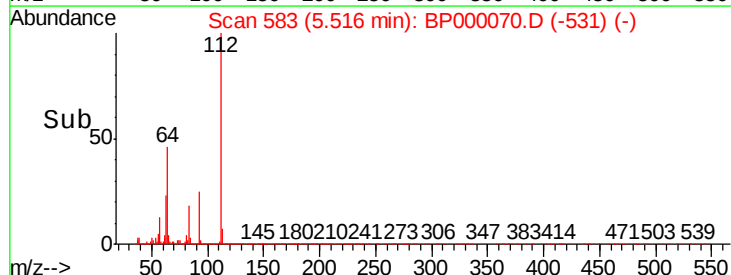
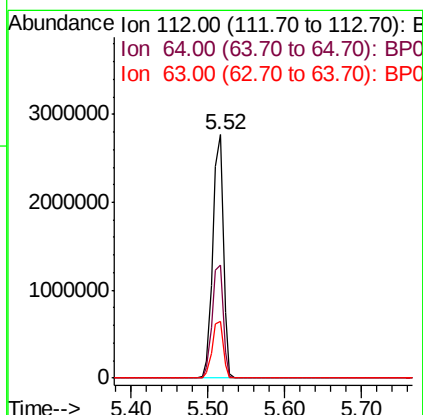
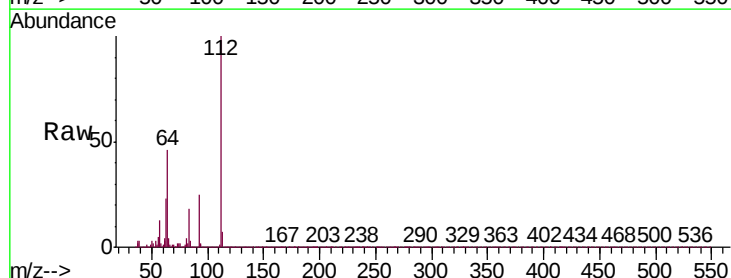
Tgt Ion:152 Resp: 455138
Ion Ratio Lower Upper
152 100
150 153.5 123.0 184.6
115 60.6 46.7 70.1

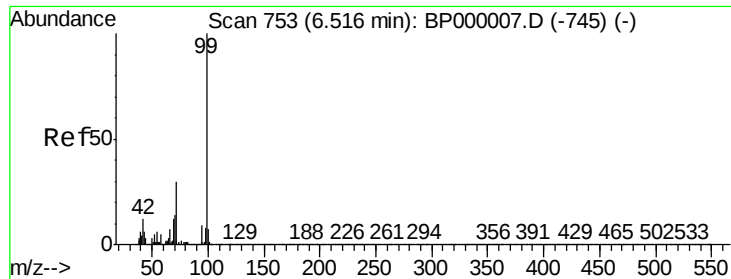


#5

2-Fluorophenol
Concen: 89.921 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000070.D
Acq: 04 Sep 2019 16:39

Tgt Ion:112 Resp: 2566526
Ion Ratio Lower Upper
112 100
64 46.5 41.8 62.8
63 23.4 21.0 31.4





#7

Phenol-d6

Concen: 93.743 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000070.D

Acq: 04 Sep 2019 16:39

Instrument :

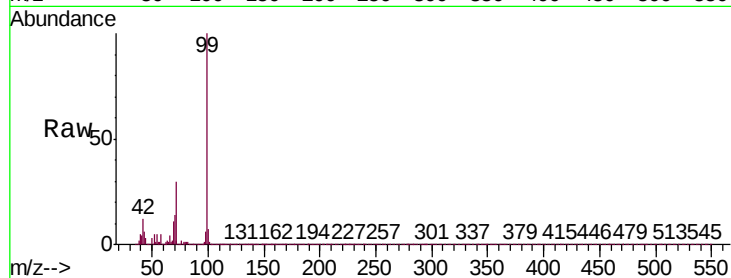
BNA_P

ClientSampleId :

S700A1-N-1.0-1.5-083019

Tgt Ion: 99 Resp: 3377759

Ion	Ratio	Lower	Upper
99	100		
42	11.9	9.8	14.8
71	30.3	23.8	35.8

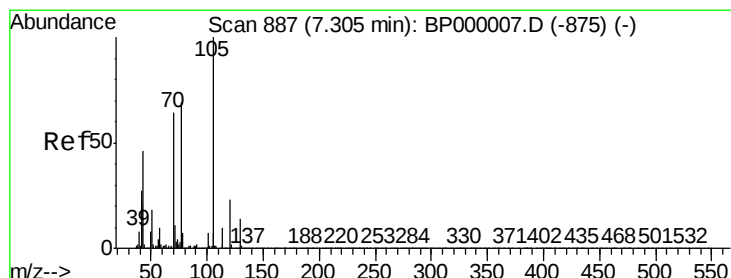
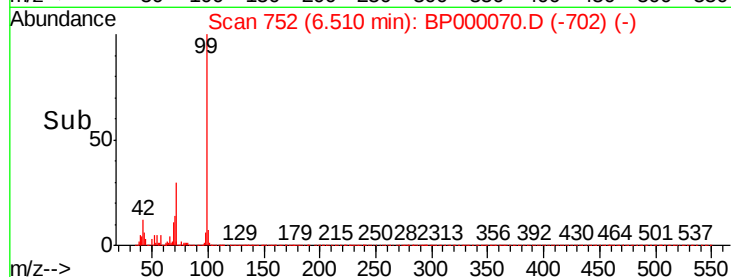


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 11.217 ng

RT: 7.45 min Scan# 911

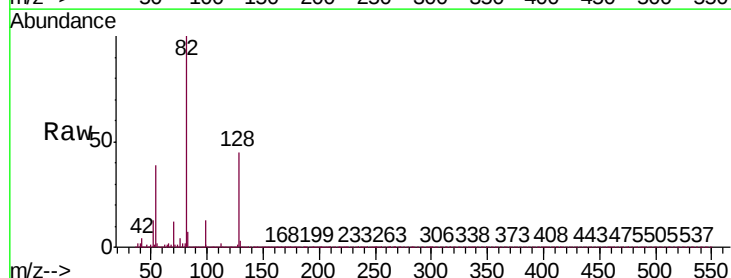
Delta R.T. 0.14 min

Lab File: BP000070.D

Acq: 04 Sep 2019 16:39

Tgt Ion: 70 Resp: 230024

Ion	Ratio	Lower	Upper
70	100		
42	35.9	33.8	50.6
101	0.0	8.7	13.1#
130	2.5	18.1	27.1#



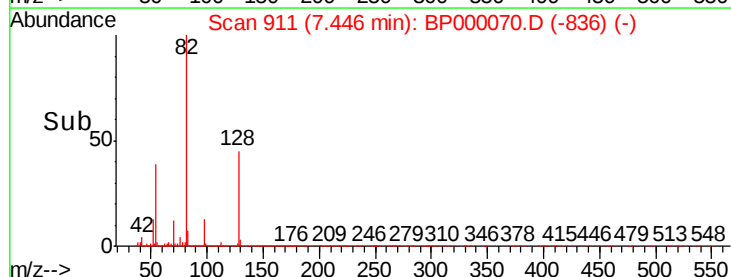
Abundance

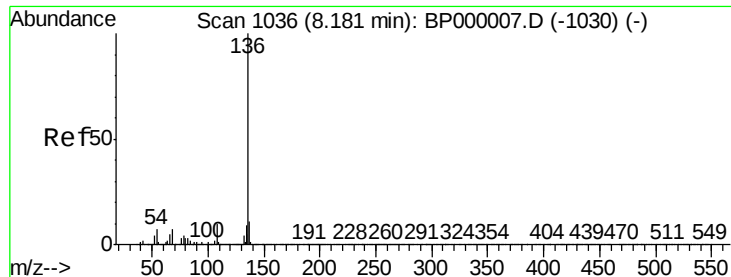
Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

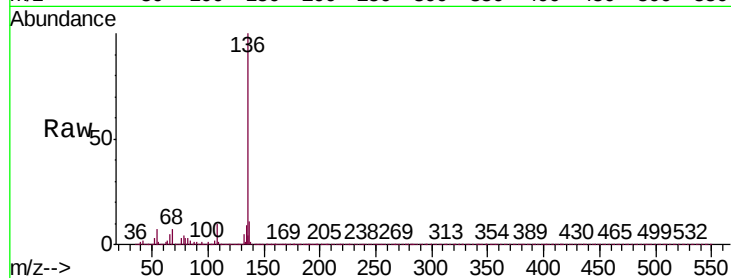




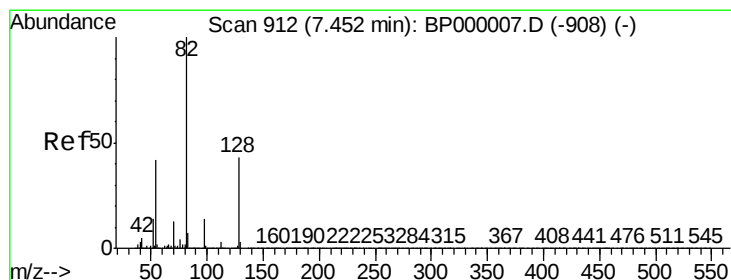
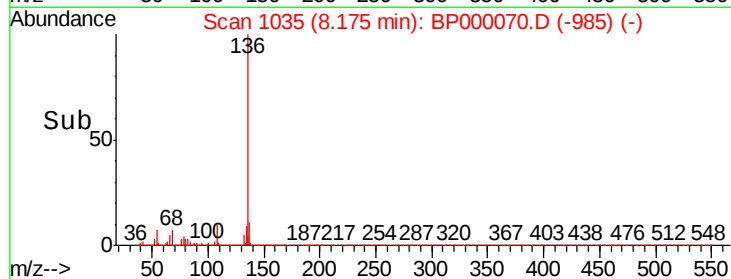
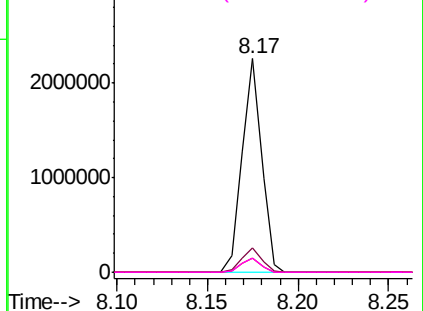
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000070.D
Acq: 04 Sep 2019 16:39

Instrument :
BNA_P
ClientSampleId :
S700A1-N-1.0-1.5-083019

Tgt Ion:	136	Resp:	1694846
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.7	5.4	8.2
68	6.7	5.4	8.0

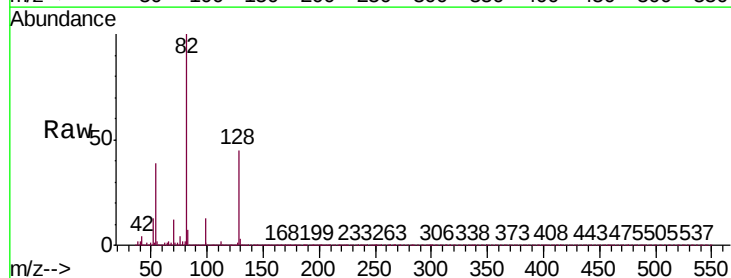


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

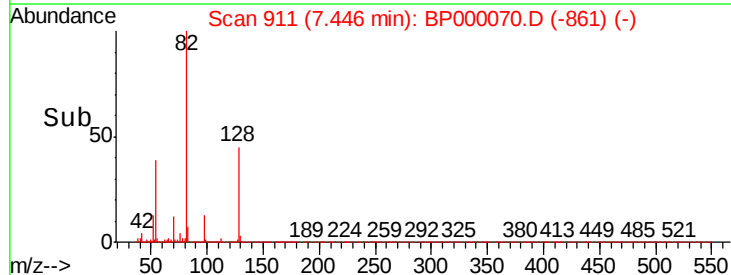
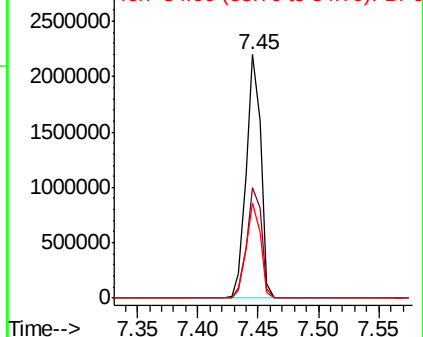


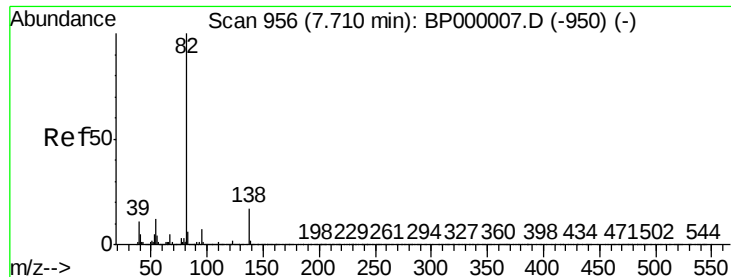
#23
Nitrobenzene-d5
Concen: 67.486 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000070.D
Acq: 04 Sep 2019 16:39

Tgt Ion:	82	Resp:	1864058
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.5	51.7
54	39.2	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: 31.910 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BP000070.D

Acq: 04 Sep 2019 16:39

Instrument :

BNA_P

ClientSampleId :

S700A1-N-1.0-1.5-083019

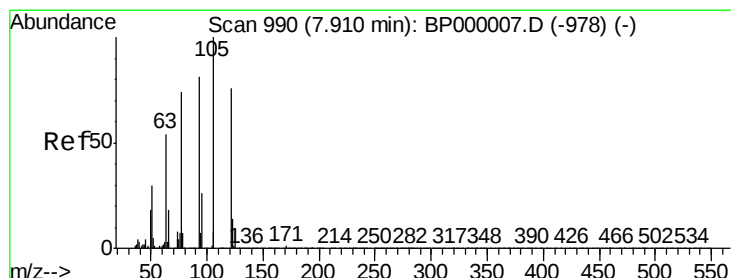
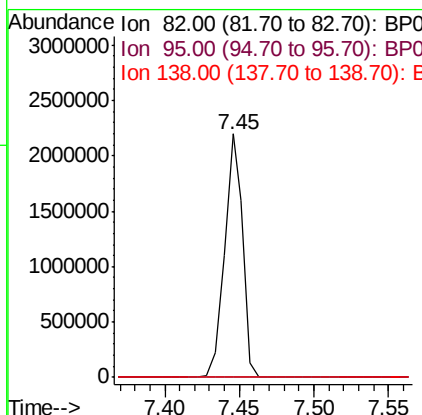
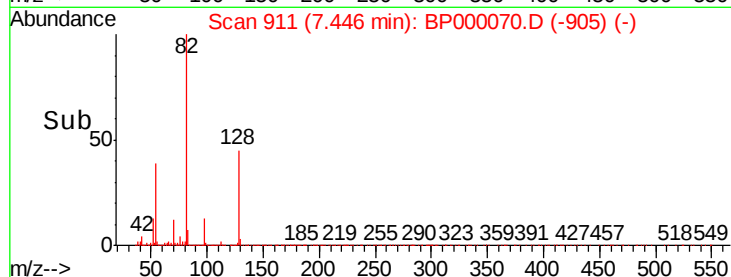
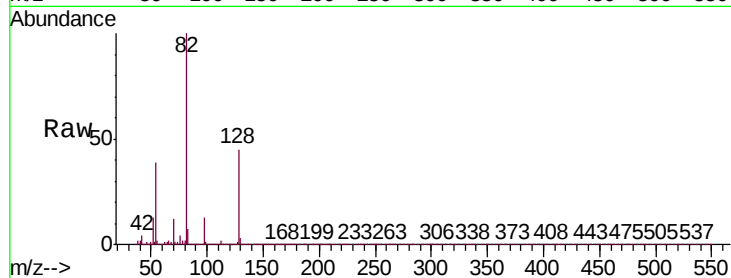
Tgt Ion: 82 Resp: 1862319

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.8 20.6#



#32

Benzoic acid

Concen: 8.257 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.08 min

Lab File: BP000070.D

Acq: 04 Sep 2019 16:39

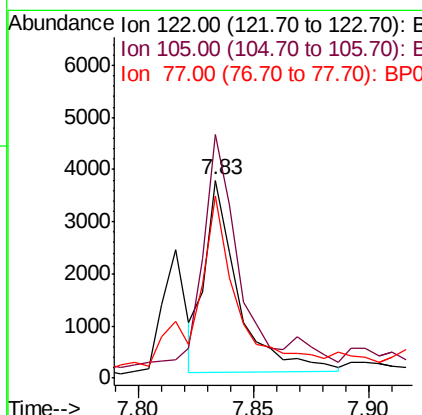
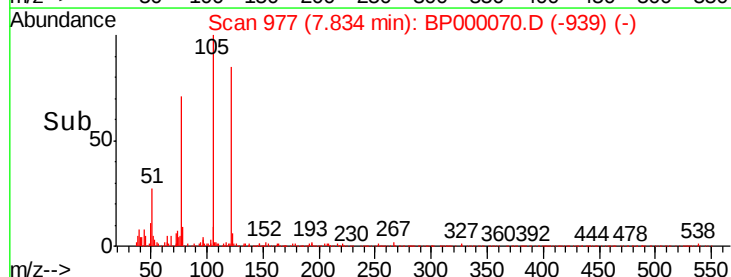
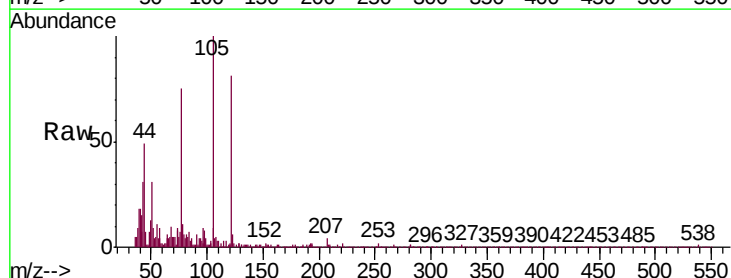
Tgt Ion: 122 Resp: 3701

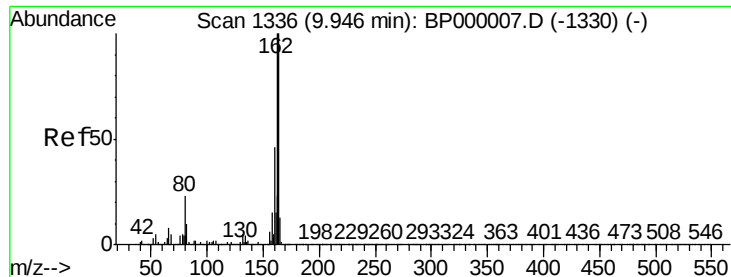
Ion Ratio Lower Upper

122 100

105 122.9 104.6 144.6

77 92.1 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: BP000070.D

Acq: 04 Sep 2019 16:39

Instrument :

BNA_P

ClientSampleId :

S700A1-N-1.0-1.5-083019

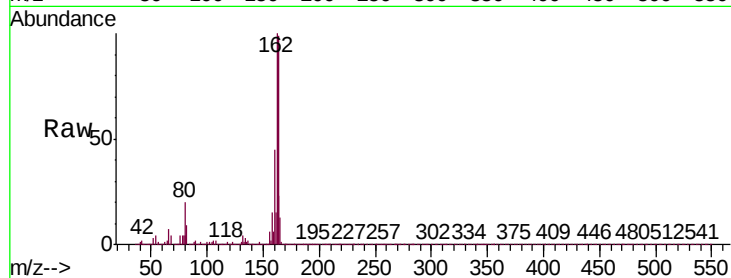
Tgt Ion:164 Resp: 928302

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.4

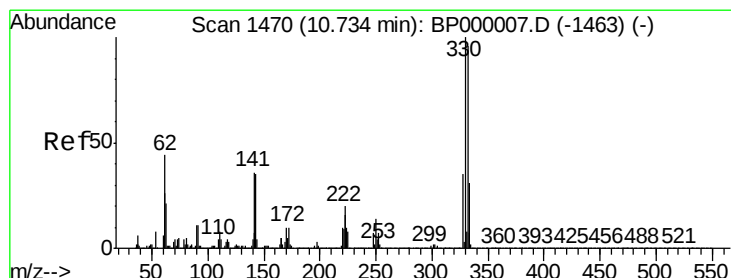
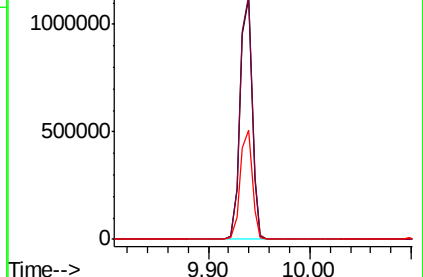
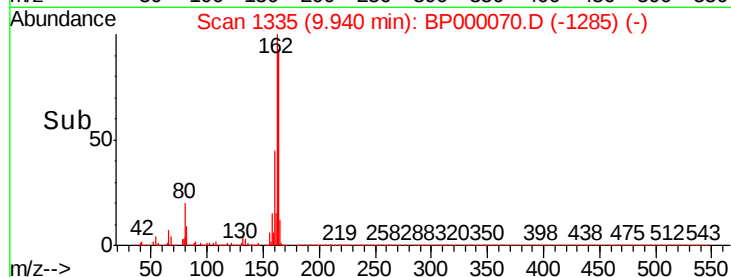
160 45.4 36.6 55.0



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: 103.188 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BP000070.D

Acq: 04 Sep 2019 16:39

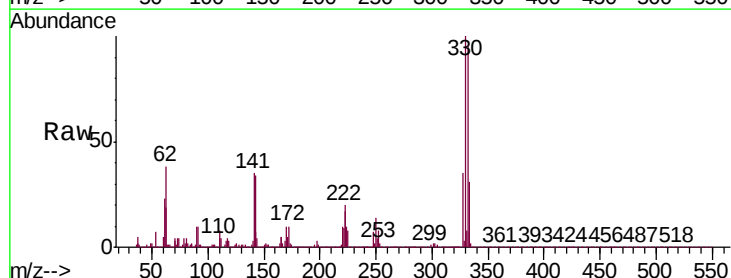
Tgt Ion:330 Resp: 807408

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

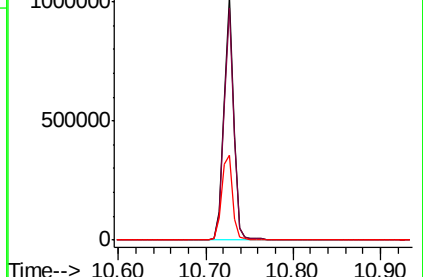
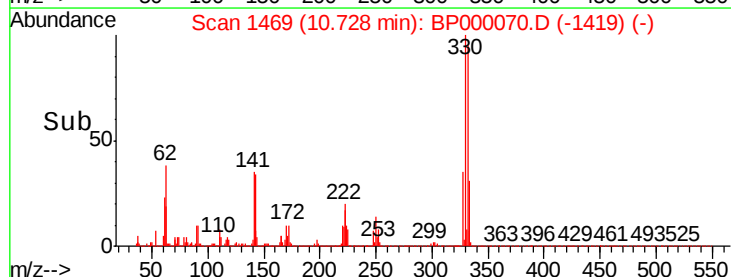
141 39.1 33.6 50.4

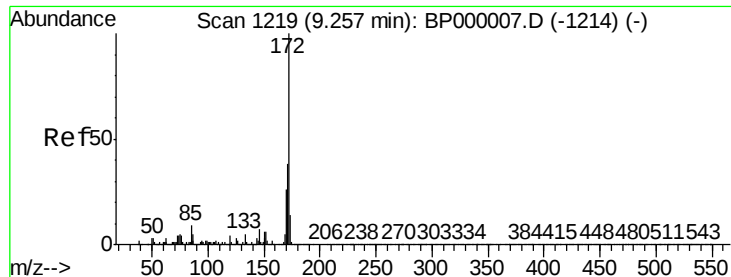


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

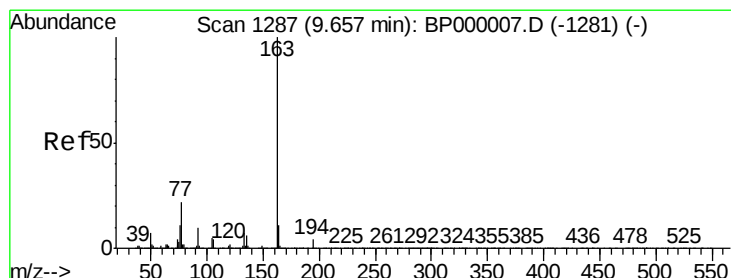
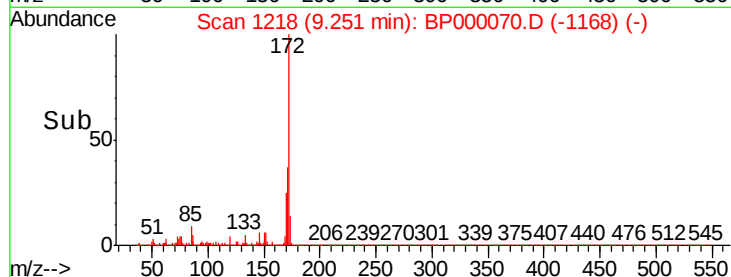
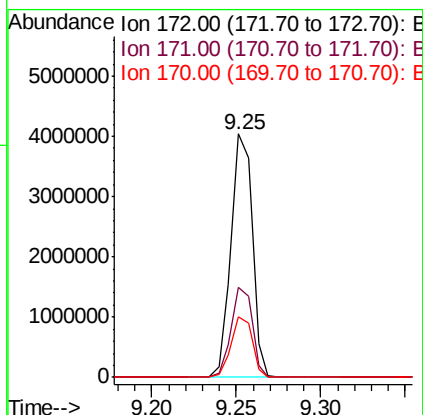
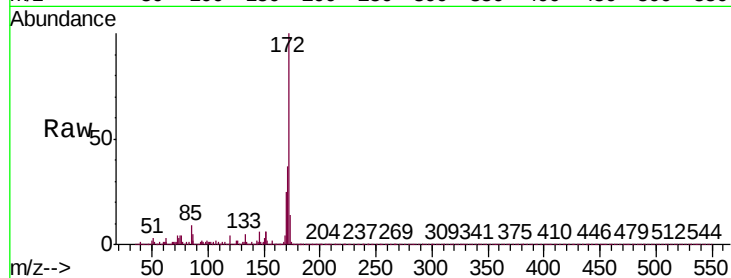




#45
2-Fluorobiphenyl
Concen: 63.530 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000070.D
Acq: 04 Sep 2019 16:39

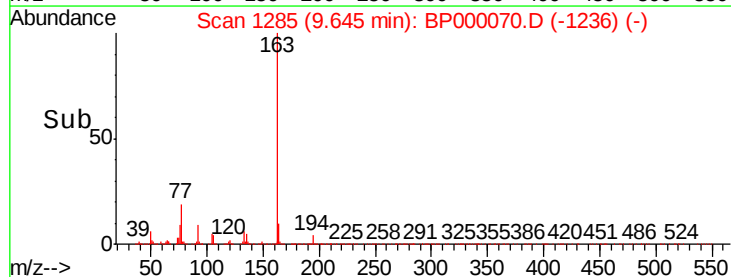
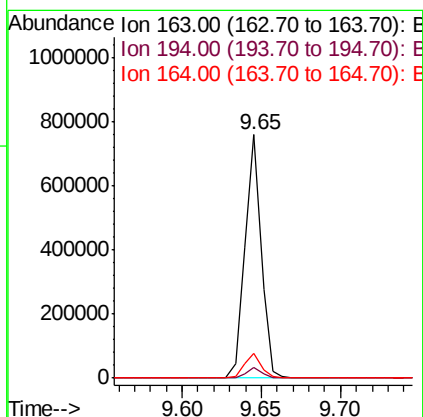
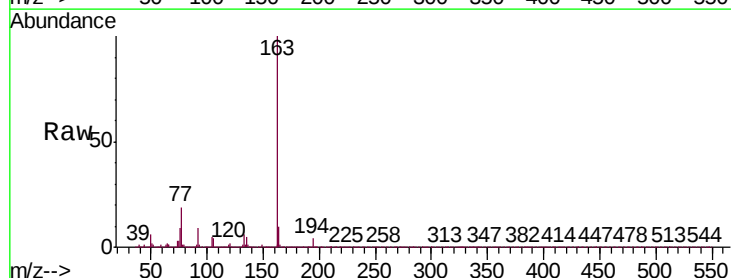
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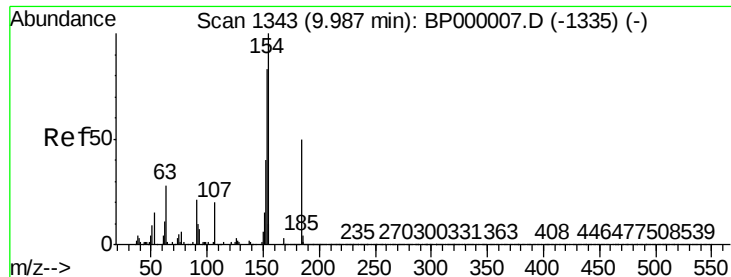
Tgt Ion:172 Resp: 3531470
Ion Ratio Lower Upper
172 100
171 37.0 30.7 46.1
170 24.8 20.7 31.1



#50
Dimethylphthalate
Concen: 8.492 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000070.D
Acq: 04 Sep 2019 16:39

Tgt Ion:163 Resp: 537197
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.4 12.6

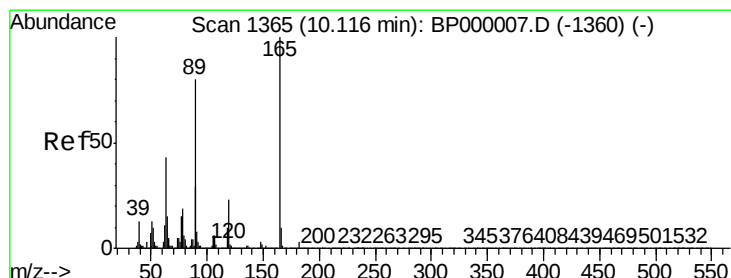
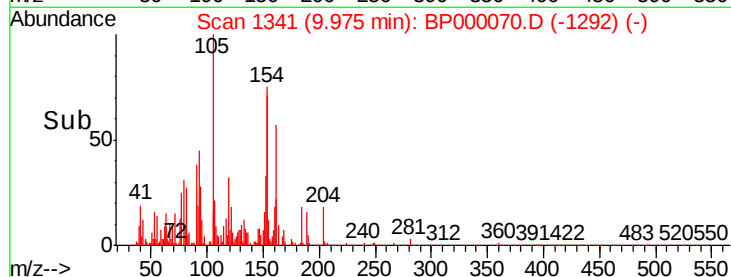
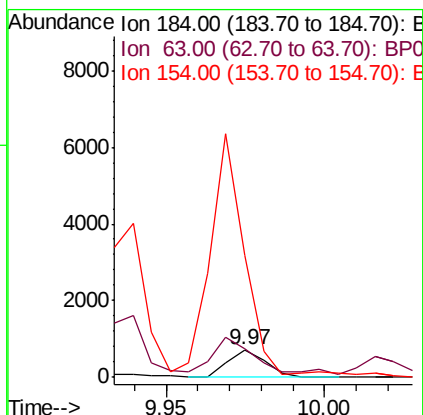
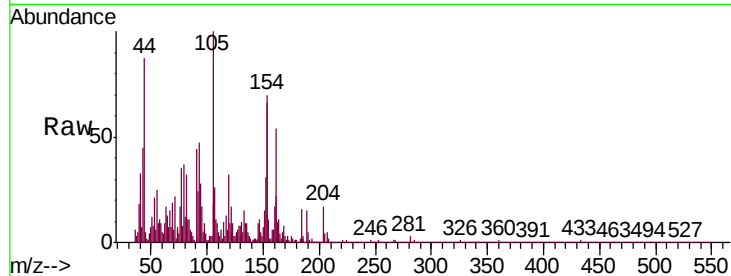




#54
2,4-Dinitrophenol
Concen: 8.751 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000070.D
Acq: 04 Sep 2019 16:39

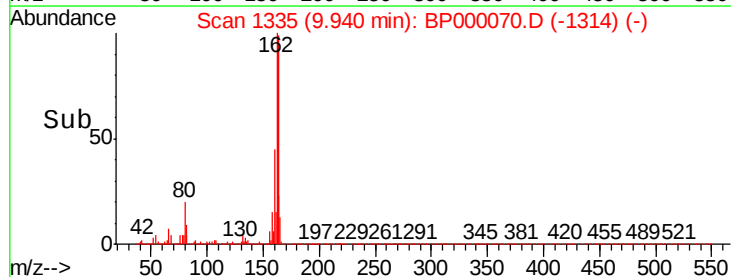
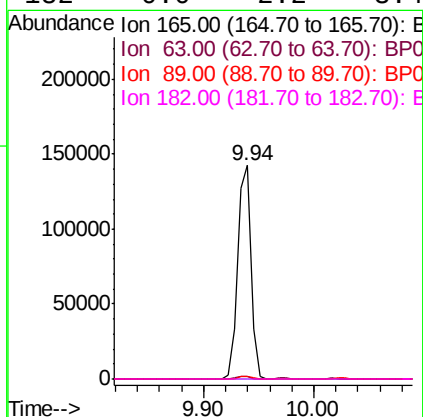
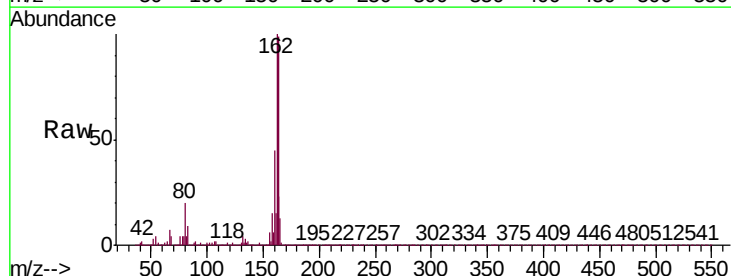
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S700A1-N-1.0-1.5-083019

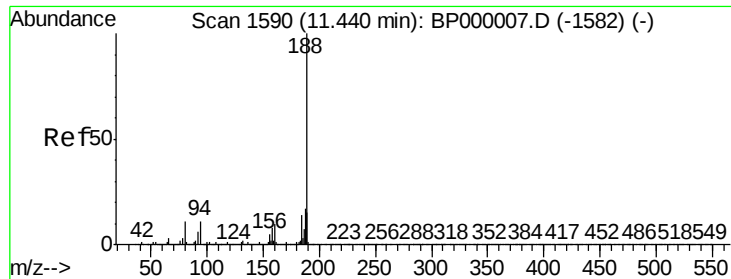
Tgt Ion:184 Resp: 581
Ion Ratio Lower Upper
184 100
63 104.1 46.0 69.0#
154 435.6 161.9 242.9#



#57
2,4-Dinitrotoluene
Concen: 7.040 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BP000070.D
Acq: 04 Sep 2019 16:39

Tgt Ion:165 Resp: 120679
Ion Ratio Lower Upper
165 100
63 1.1 34.4 51.6#
89 1.3 64.3 96.5#
182 0.0 2.2 3.4#

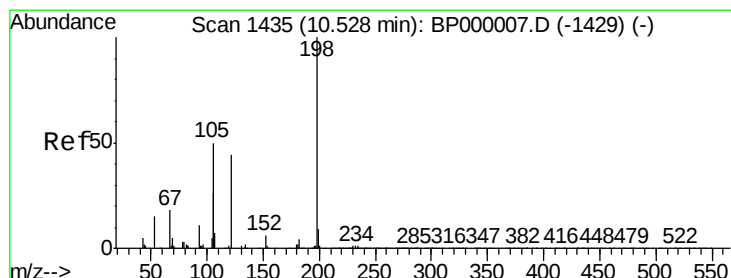
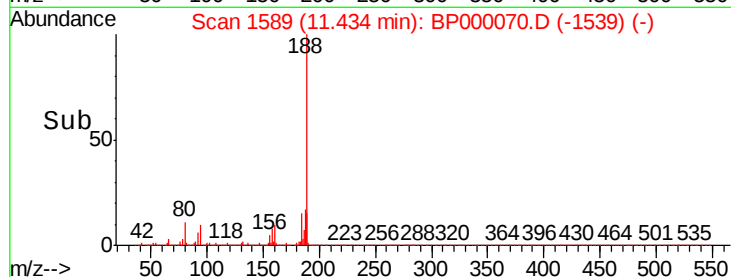
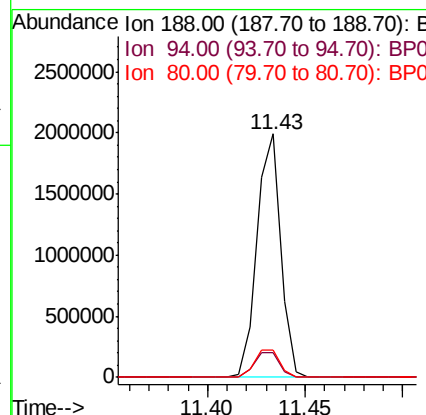
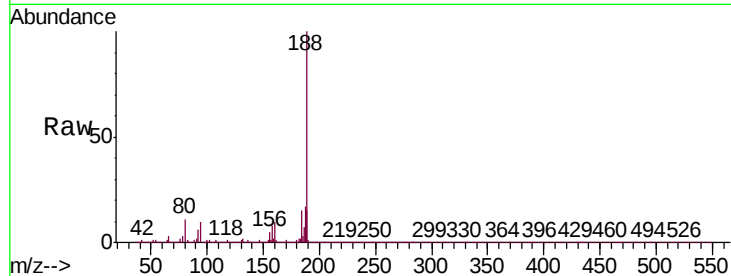




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000070.D
Acq: 04 Sep 2019 16:39

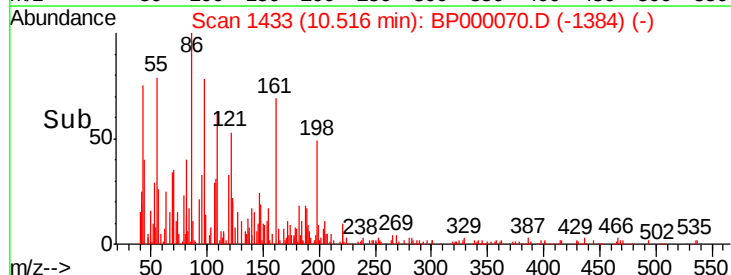
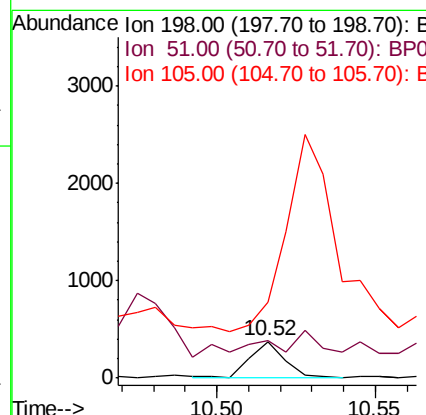
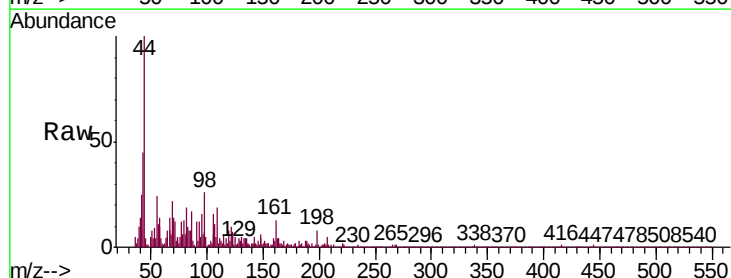
Instrument :
BNA_P
ClientSampleId :
S700A1-N-1.0-1.5-083019

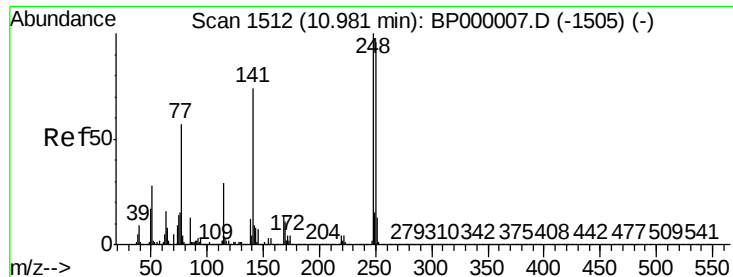
Tgt Ion:188 Resp: 1676745
Ion Ratio Lower Upper
188 100
94 10.4 8.8 13.2
80 11.0 9.0 13.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.762 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BP000070.D
Acq: 04 Sep 2019 16:39

Tgt Ion:198 Resp: 291
Ion Ratio Lower Upper
198 100
51 103.5 22.1 62.1#
105 207.8 32.0 72.0#

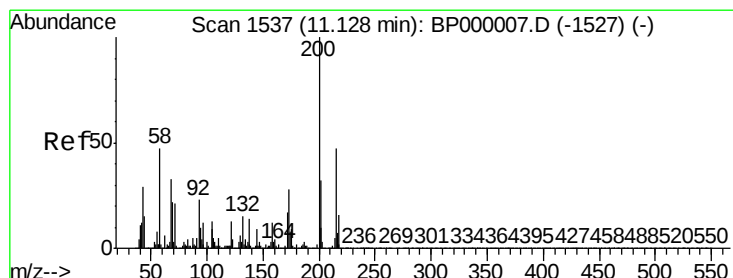
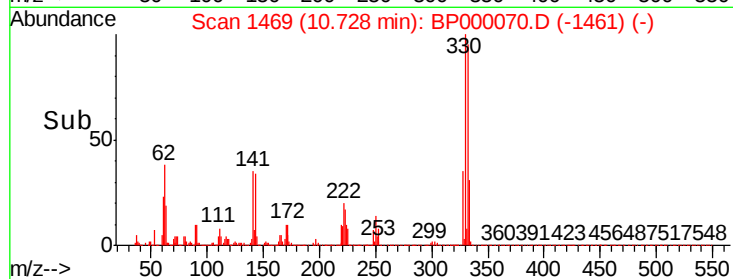
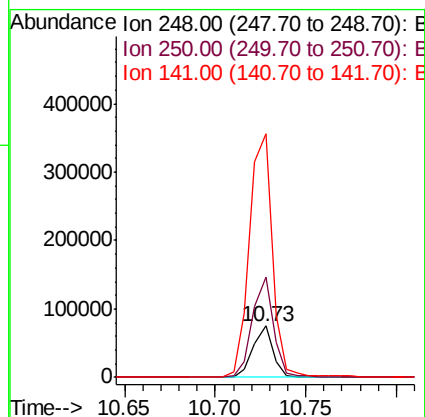
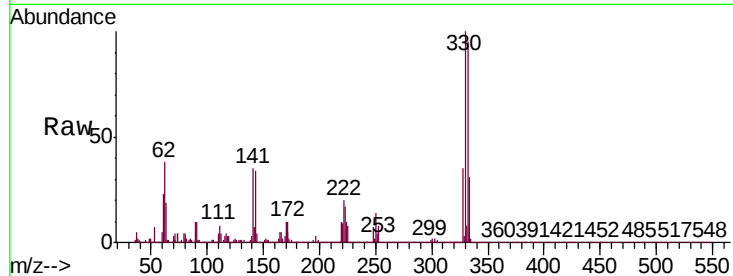




#67
4-Bromophenyl-phenylether
Concen: 3.440 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.25 min
Lab File: BP000070.D
Acq: 04 Sep 2019 16:39

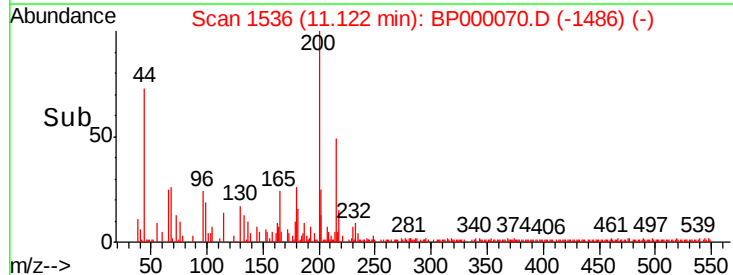
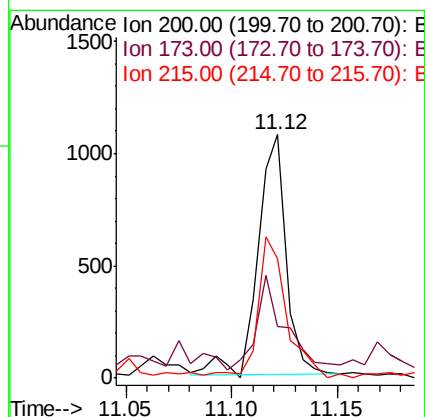
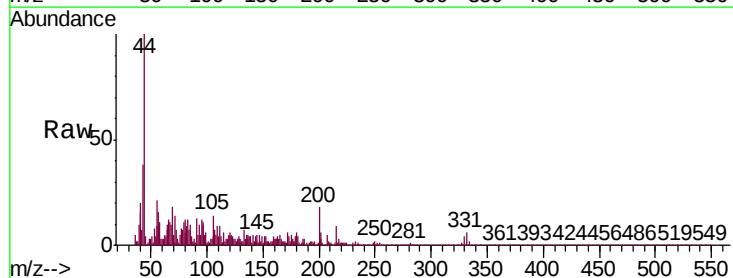
Instrument :
BNA_P
ClientSampleId :
S700A1-N-1.0-1.5-083019

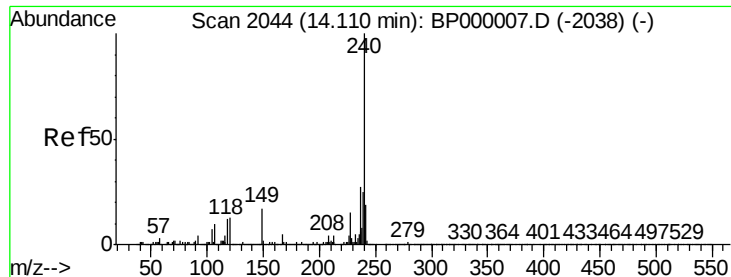
Tgt Ion:248 Resp: 58622
Ion Ratio Lower Upper
248 100
250 195.7 77.1 115.7#
141 476.0 59.5 89.3#



#69
Atrazine
Concen: Below Cal
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BP000070.D
Acq: 04 Sep 2019 16:39

Tgt Ion:200 Resp: 1007
Ion Ratio Lower Upper
200 100
173 21.3 8.1 48.1
215 49.1 26.7 66.7

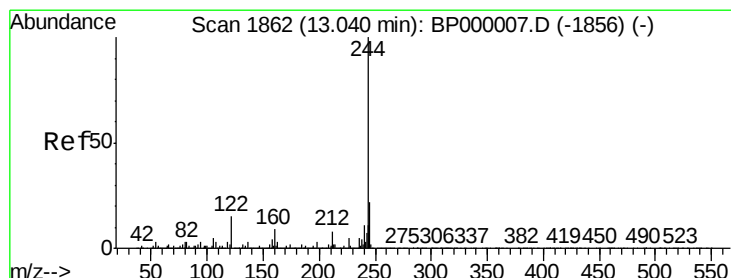
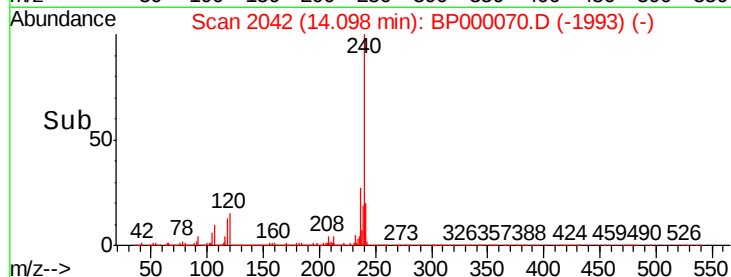
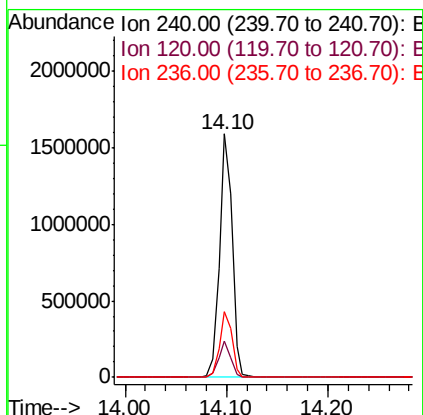
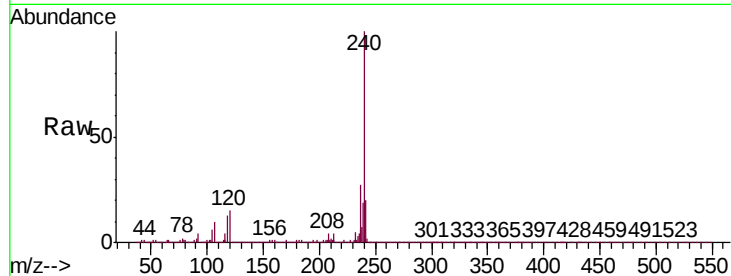




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000070.D
Acq: 04 Sep 2019 16:39

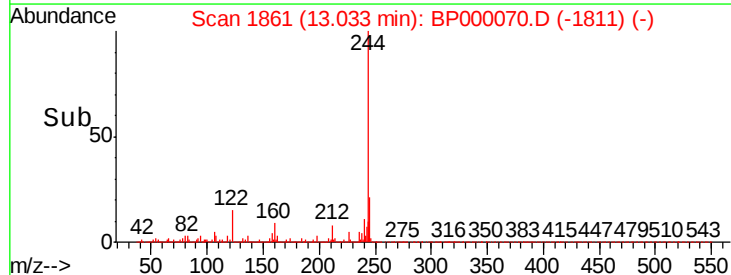
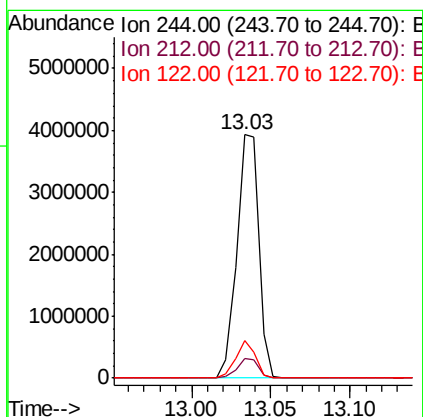
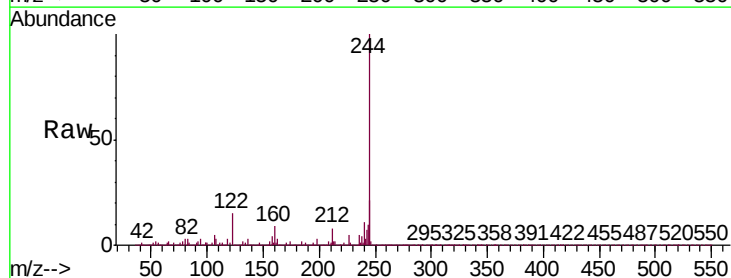
Instrument :
BNA_P
ClientSampleId :
S700A1-N-1.0-1.5-083019

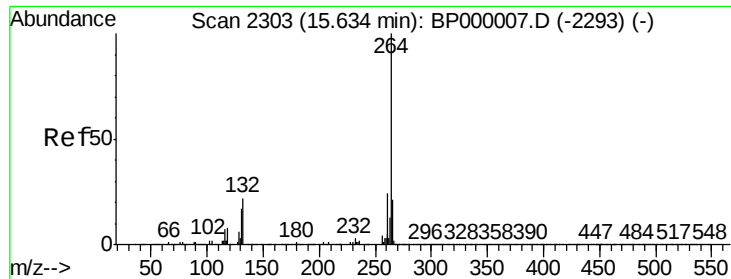
Tgt Ion:240 Resp: 1373671
Ion Ratio Lower Upper
240 100
120 14.8 10.5 15.7
236 26.9 21.5 32.3



#79
Terphenyl-d14
Concen: 59.877 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BP000070.D
Acq: 04 Sep 2019 16:39

Tgt Ion:244 Resp: 3773649
Ion Ratio Lower Upper
244 100
212 8.1 6.6 10.0
122 15.2 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: BP000070.D
Acq: 04 Sep 2019 16:39

Instrument :
BNA_P
ClientSampleId :
S700A1-N-1.0-1.5-083019

Tgt Ion: 264 Resp: 1473613

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.1	17.1	25.7

