

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000897.D
 Acq On : 18 Oct 2019 23:52
 Operator : JU
 Sample : K5420-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: Oct 19 02:23:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 16:40:44 2019
 Response via : Initial Calibration

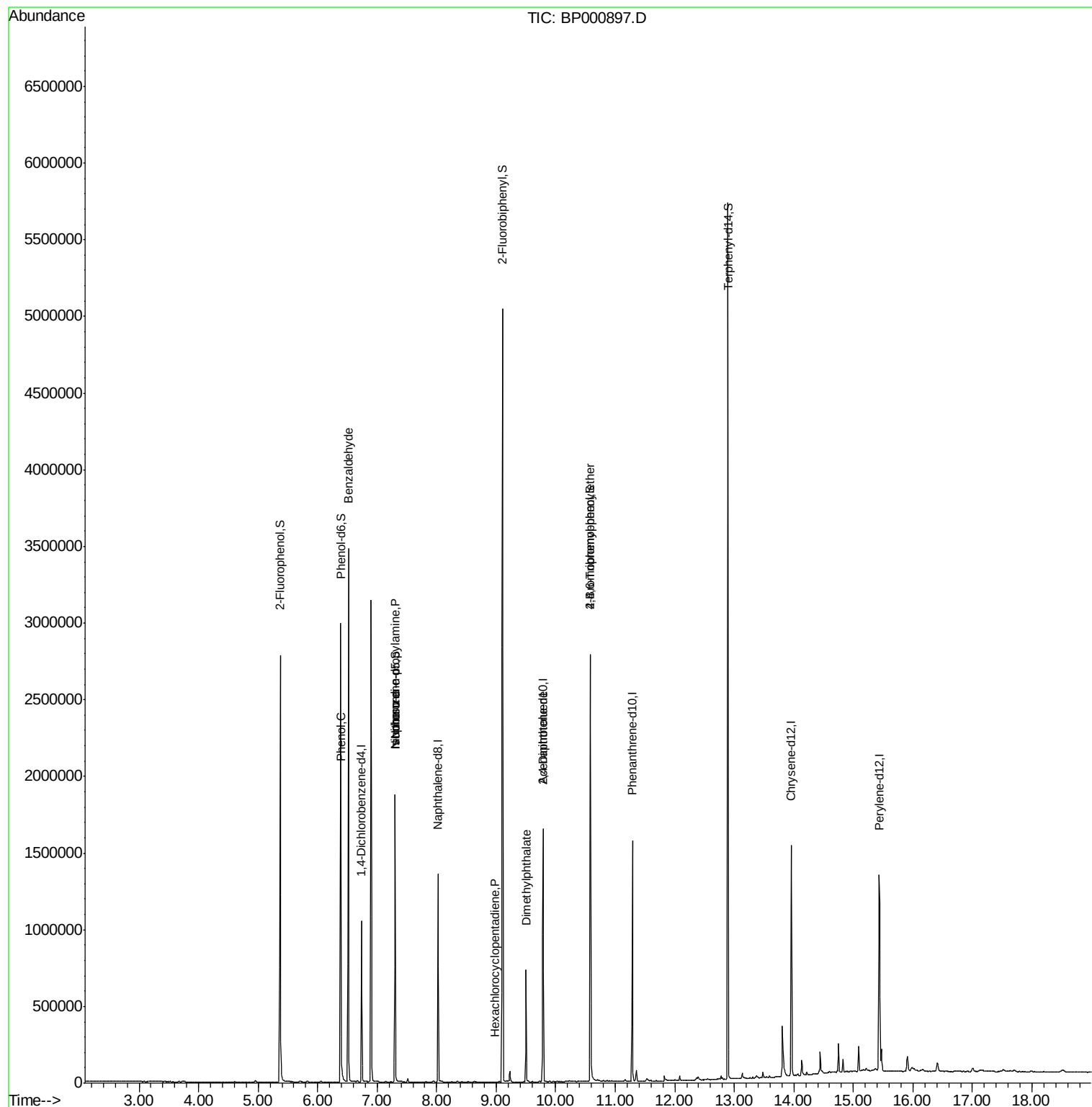
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	148780	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	536911	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	298010	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	563418	20.00	ng	0.00
76) Chrysene-d12	13.96	240	504049	20.00	ng	0.00
87) Perylene-d12	15.43	264	580659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	908810	98.19	ng	0.00
7) Phenol-d6	6.39	99	1142114	102.40	ng	0.00
23) Nitrobenzene-d5	7.30	82	630913	71.77	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	371880	117.10	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1468623	79.74	ng	0.00
79) Terphenyl-d14	12.89	244	1847092	74.20	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	19508	3.358	ng	83
10) Phenol	6.40	94	27259	2.387	ng	78
19) n-Nitroso-di-n-propylamine	7.30	70	78774	15.323	ng	# 73
25) Isophorone	7.30	82	630866	40.435	ng	# 61
41) Hexachlorocyclopentadiene	8.98	237	19	7.302	ng	80
50) Dimethylphthalate	9.50	163	312263	15.080	ng	98
57) 2,4-Dinitrotoluene	9.79	165	38370	6.409	ng	# 31
67) 4-Bromophenyl-phenylether	10.58	248	25549	4.028	ng	# 1

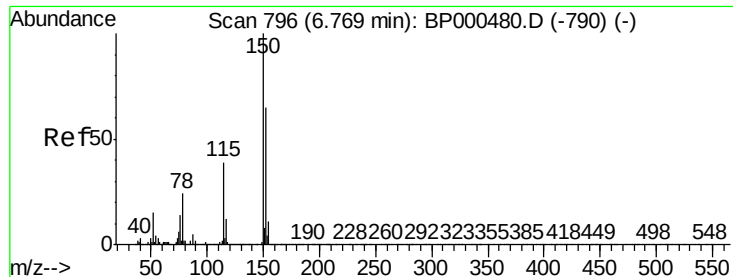
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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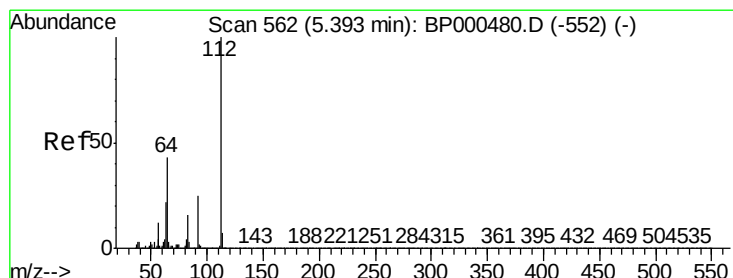
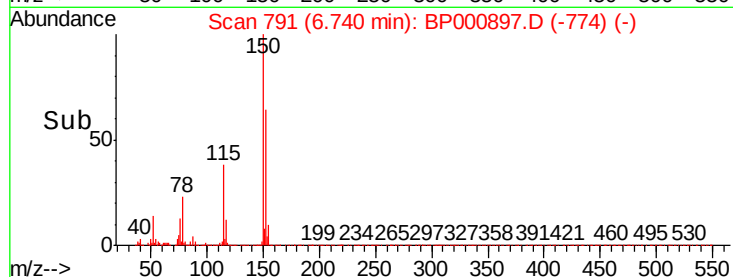
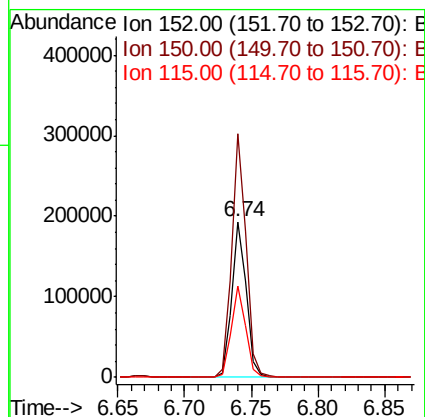
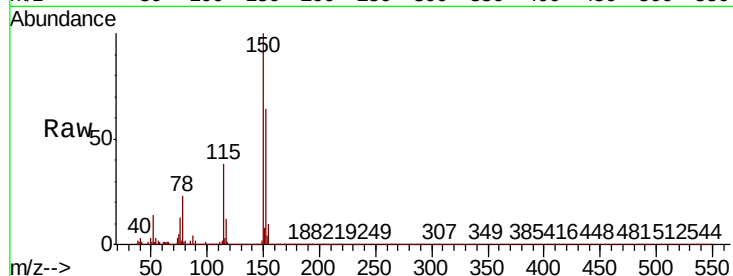


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000897.D
Acq: 18 Oct 2019 23:52

Instrument :
BNA_P
ClientSampleId :
TP-3

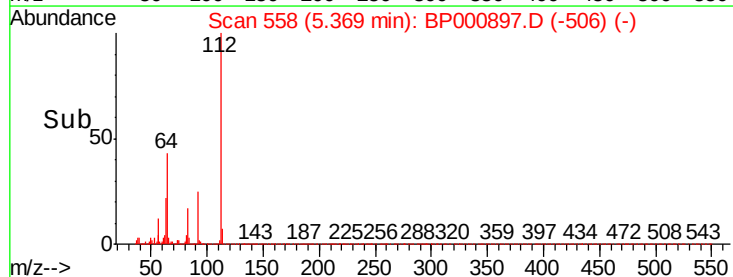
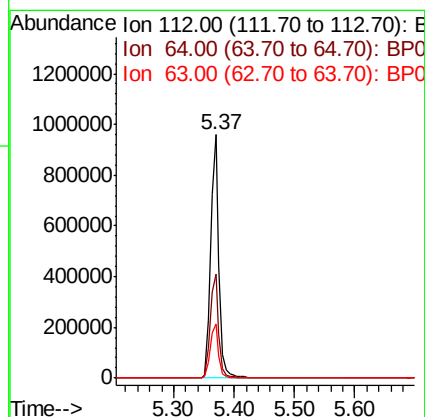
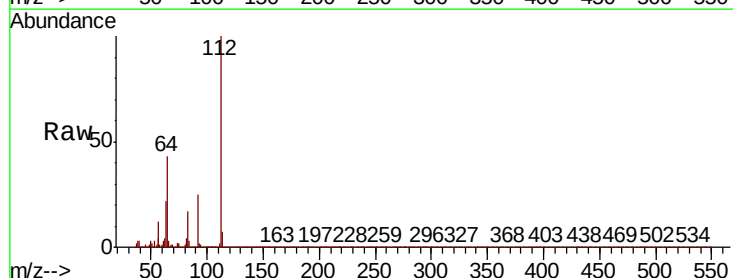
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.8
115	58.9	46.8	70.2

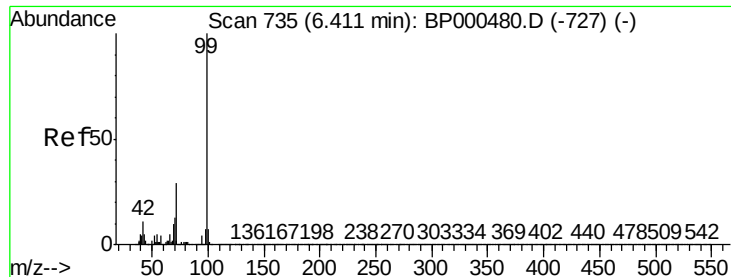


#5

2-Fluorophenol
Concen: 98.189 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.01 min
Lab File: BP000897.D
Acq: 18 Oct 2019 23:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.8	33.9	50.9
63	22.4	17.4	26.0





#7

Phenol-d6

Concen: 102.400 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BP000897.D

Acq: 18 Oct 2019 23:52

Instrument :

BNA_P

ClientSampleId :

TP-3

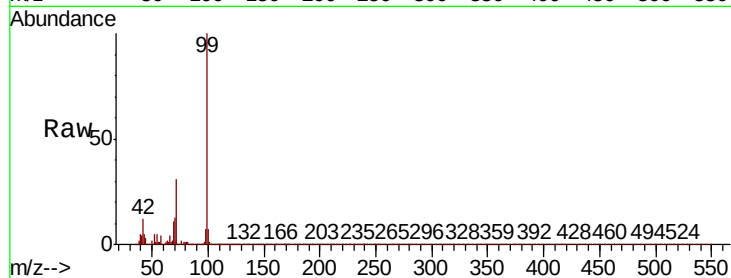
Tot Ion: 99 Resp: 1142114

Ion Ratio Lower Upper

99 100

42 11.6 8.7 13.1

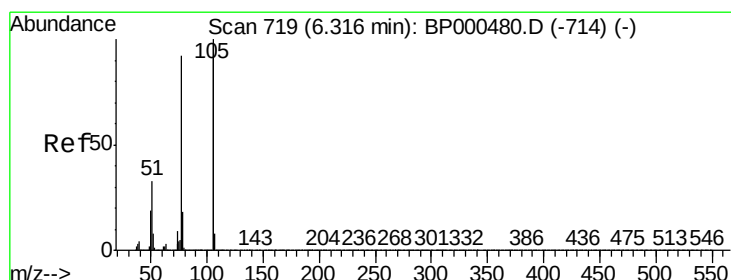
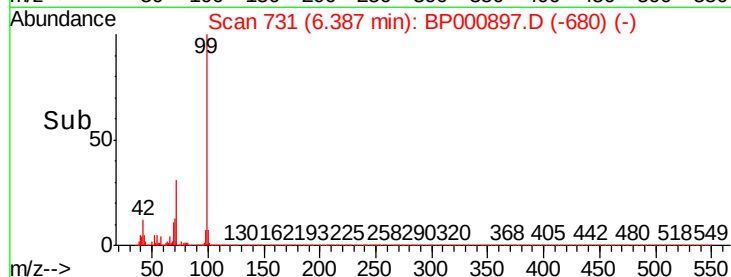
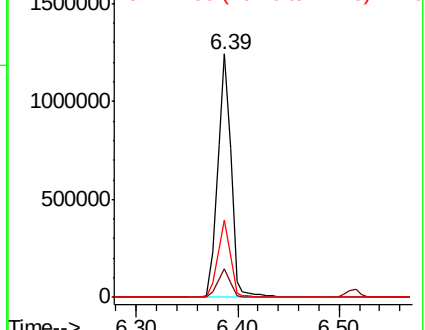
71 31.5 24.1 36.1



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



#9

Benzaldehyde

Concen: 3.358 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.23 min

Lab File: BP000897.D

Acq: 18 Oct 2019 23:52

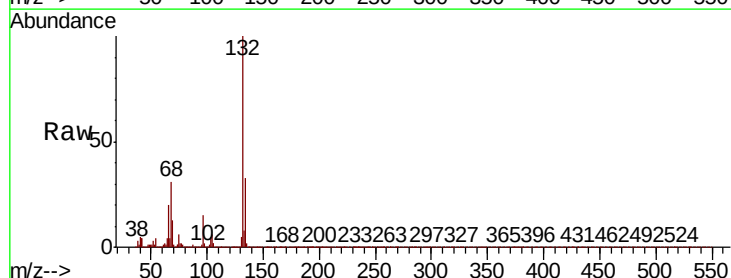
Tgt Ion: 77 Resp: 19508

Ion Ratio Lower Upper

77 100

105 90.8 90.5 130.5

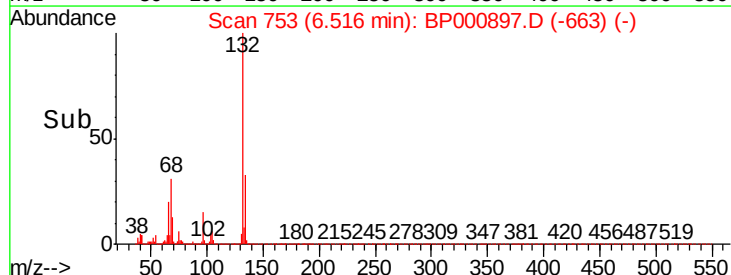
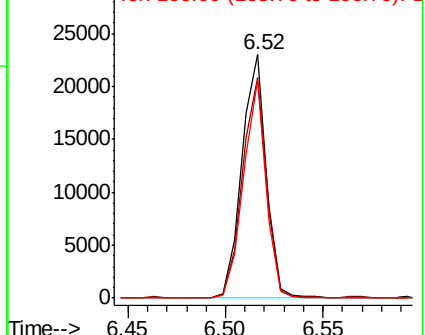
106 89.4 85.5 125.5

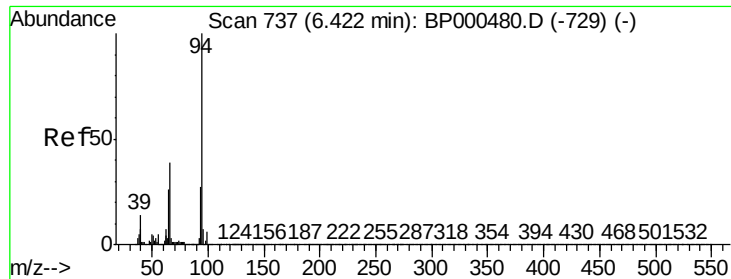


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.387 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BP000897.D

Acq: 18 Oct 2019 23:52

Instrument :

BNA_P

ClientSampleId :

TP-3

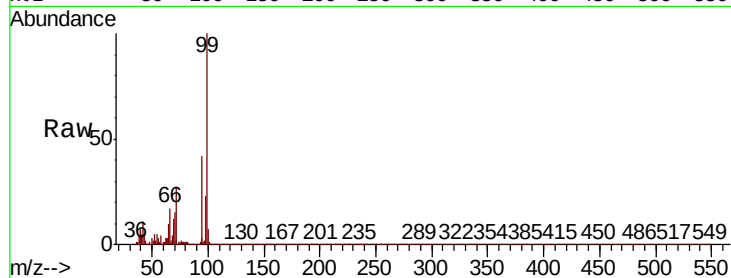
Tot Ion: 94 Resp: 27259

Ion Ratio Lower Upper

94 100

65 24.3 14.6 54.6

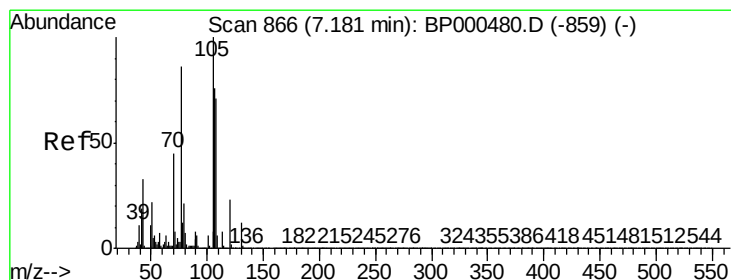
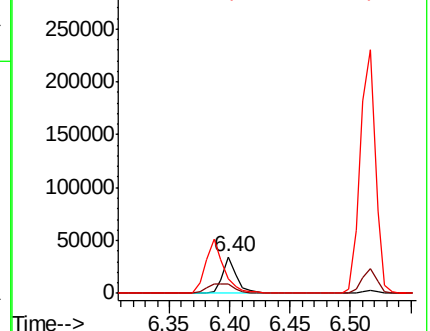
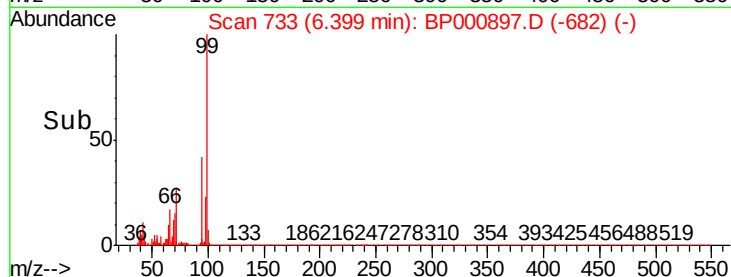
66 40.7 39.2 79.2



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 15.323 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.15 min

Lab File: BP000897.D

Acq: 18 Oct 2019 23:52

Tgt Ion: 70 Resp: 78774

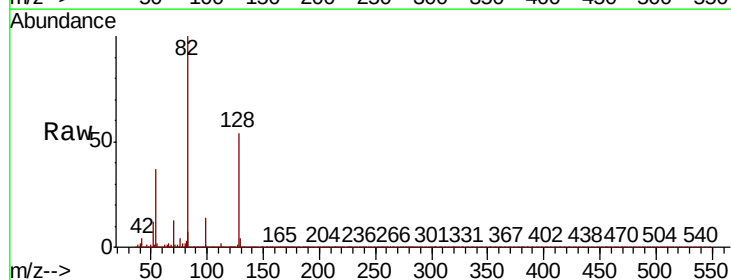
Ion Ratio Lower Upper

70 100

42 33.4 34.0 51.0#

101 0.0 9.5 14.3#

130 2.7 21.3 31.9#

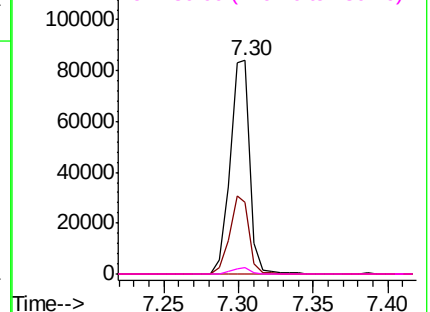
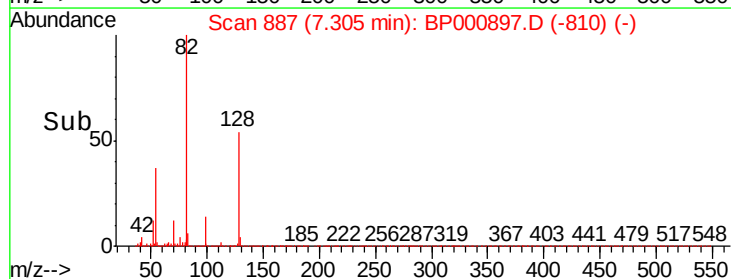


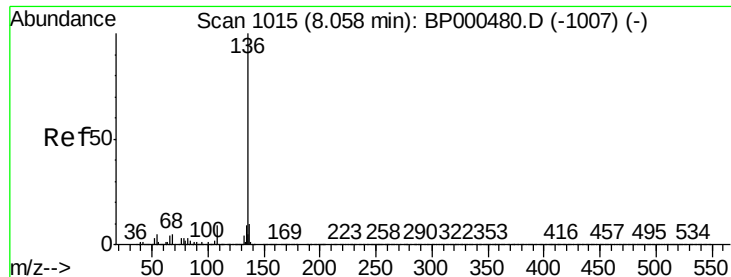
Abundance Ion 70.00 (69.70 to 70.70): BP0

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

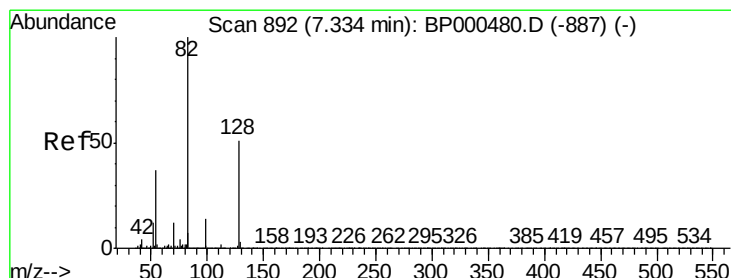
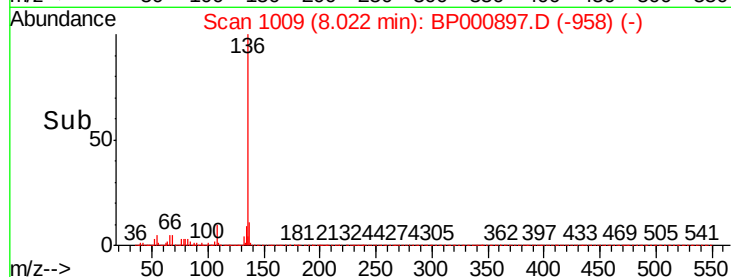
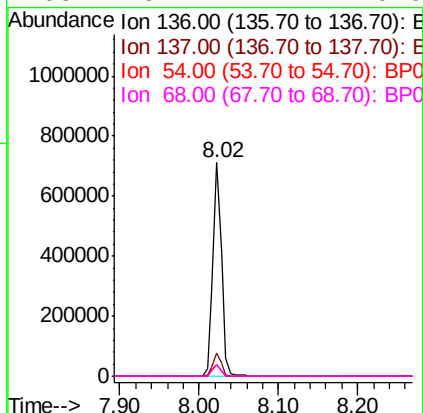
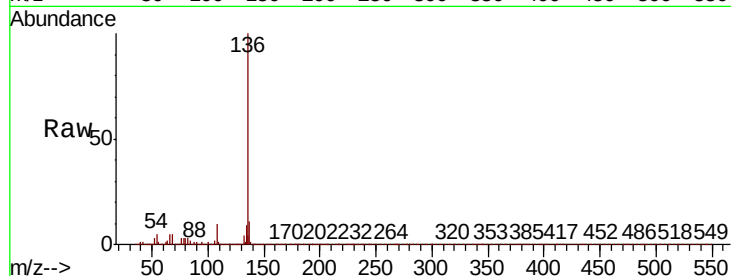




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BP000897.D
Acq: 18 Oct 2019 23:52

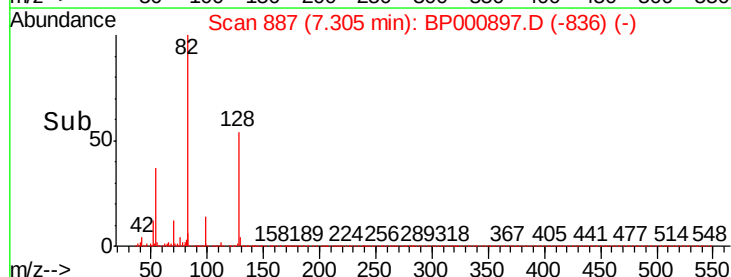
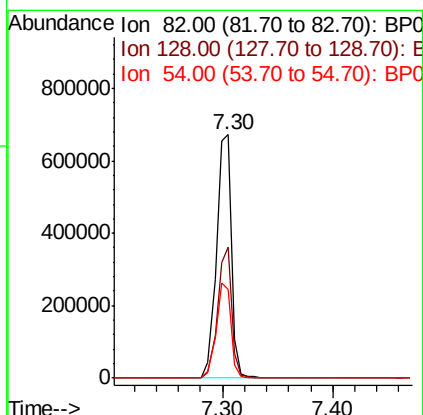
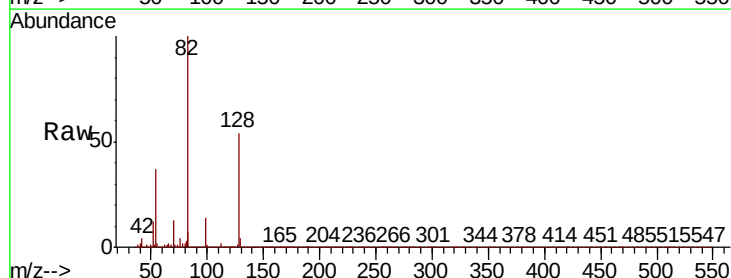
Instrument :
BNA_P
ClientSampleId :
TP-3

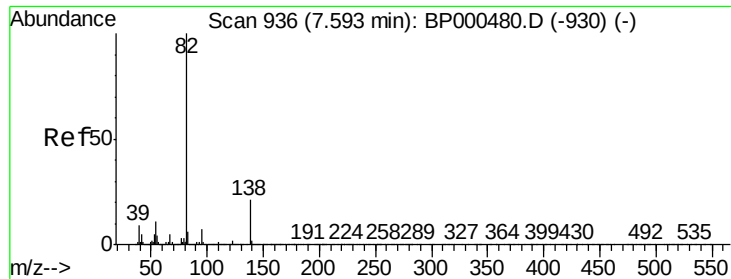
Tot Ion:136	Resp:	536911	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.9	13.3	
54 5.5	4.6	6.8	
68 5.4	4.4	6.6	



#23
Nitrobenzene-d5
Concen: 71.768 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000897.D
Acq: 18 Oct 2019 23:52

Tgt	Ion: 82	Resp:	630913
Ion	Ratio	Lower	Upper
82	100		
128	53.8	41.2	61.8
54	36.7	30.6	45.8





#25

Isophorone

Concen: 40.435 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BP000897.D

Acq: 18 Oct 2019 23:52

Instrument :

BNA_P

ClientSampleId :

TP-3

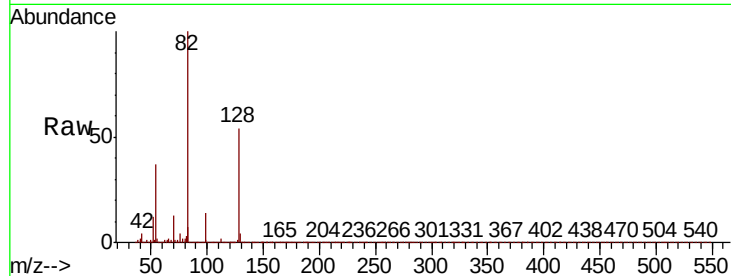
Tot Ion: 82 Resp: 630866

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.4#

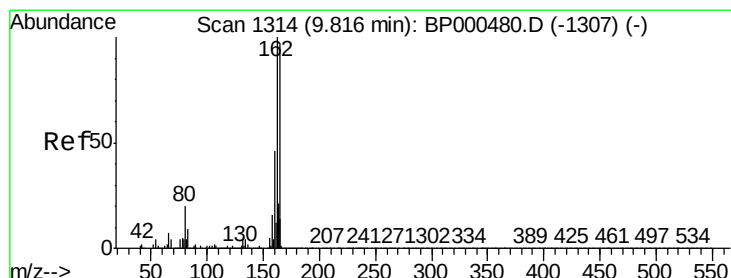
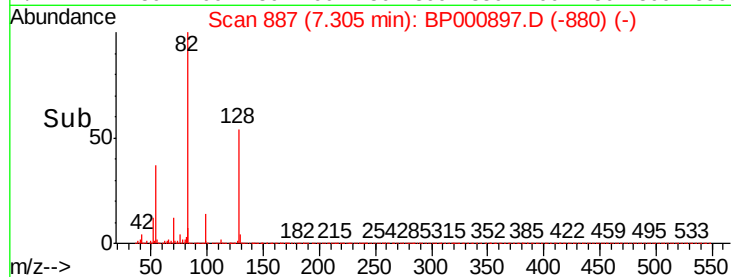
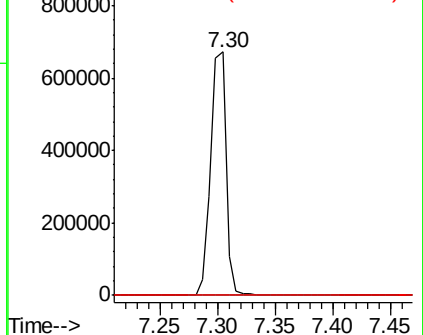
138 0.0 17.0 25.4#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BP000897.D

Acq: 18 Oct 2019 23:52

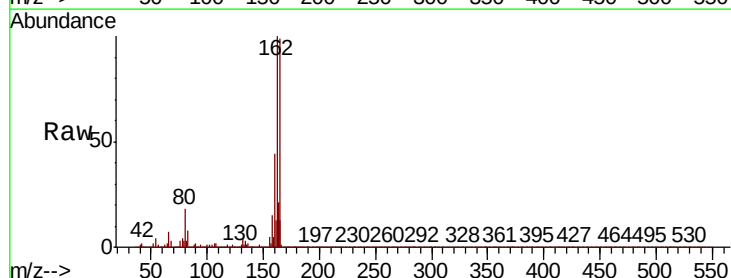
Tgt Ion:164 Resp: 298010

Ion Ratio Lower Upper

164 100

162 100.9 80.6 121.0

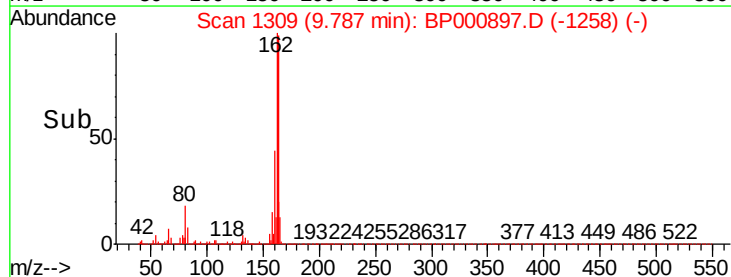
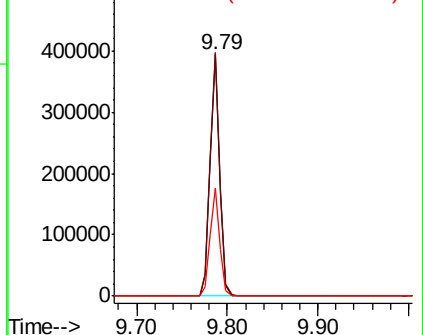
160 44.9 35.4 53.2

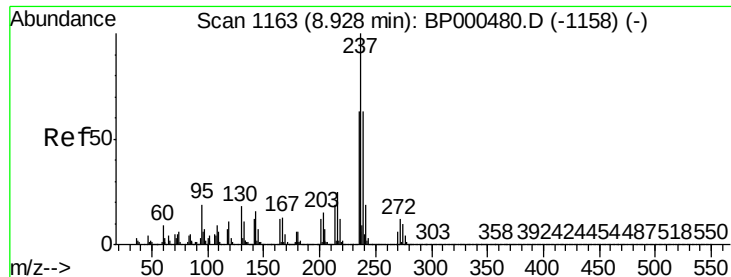


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.302 ng

RT: 8.98 min Scan# 1171

Delta R.T. 0.08 min

Lab File: BP000897.D

Acq: 18 Oct 2019 23:52

Instrument :

BNA_P

ClientSampleId :

TP-3

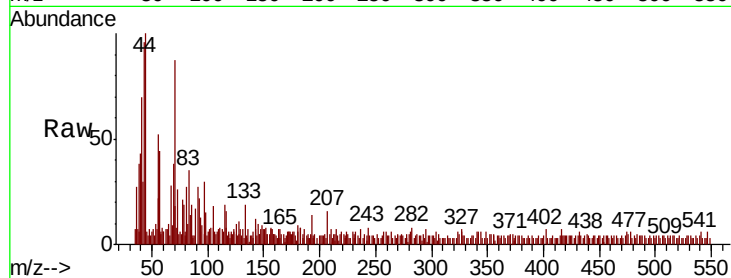
Tot Ion:237 Resp: 19

Ion Ratio Lower Upper

237 100

235 47.6 42.3 82.3

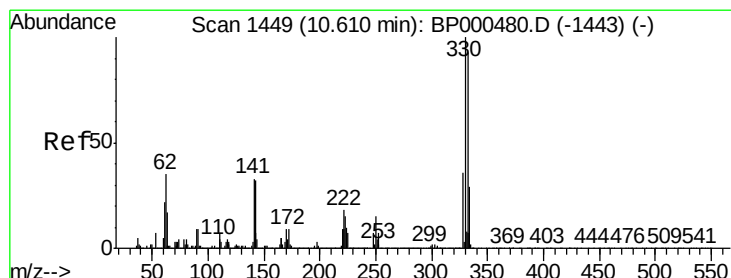
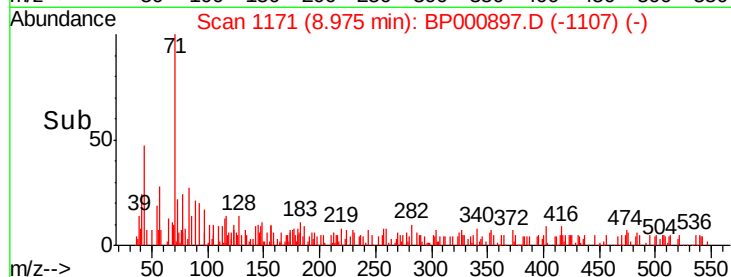
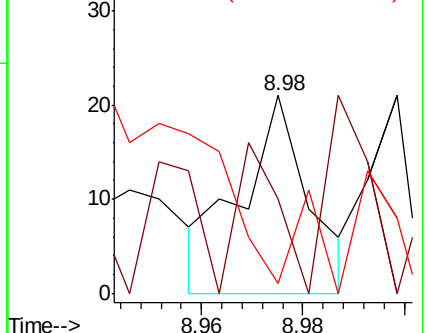
272 4.8 0.0 33.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 117.104 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BP000897.D

Acq: 18 Oct 2019 23:52

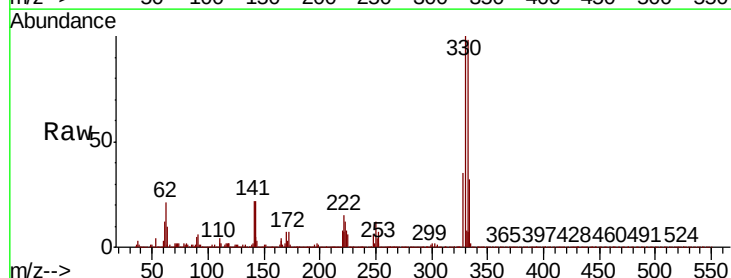
Tgt Ion:330 Resp: 371880

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

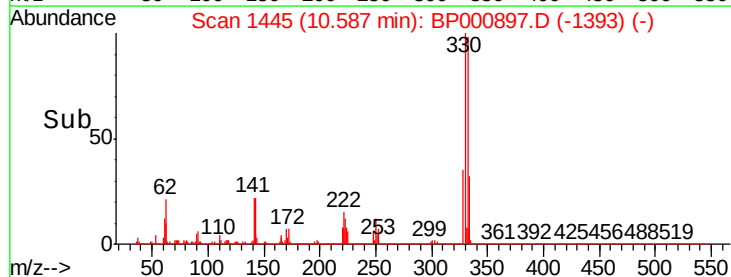
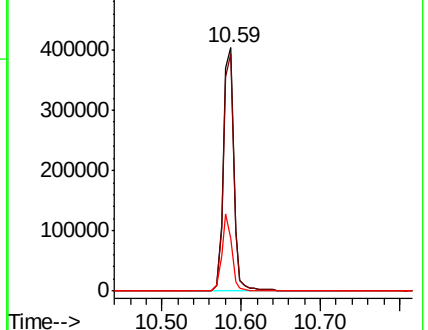
141 29.9 23.7 35.5

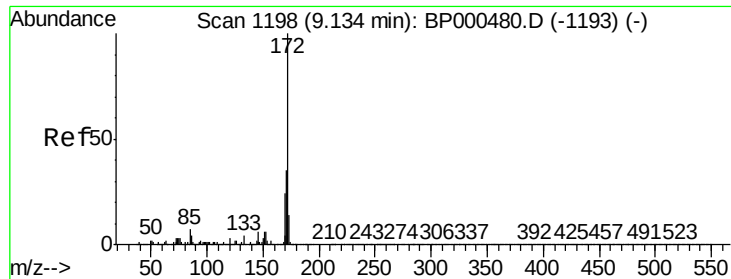


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

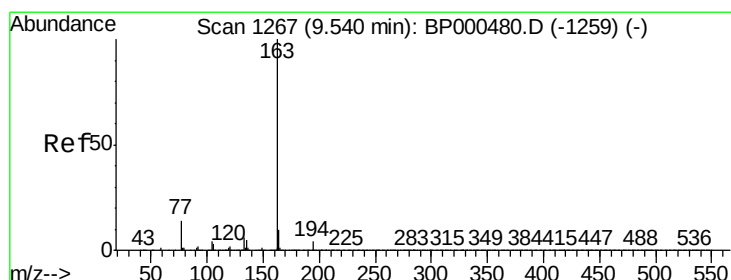
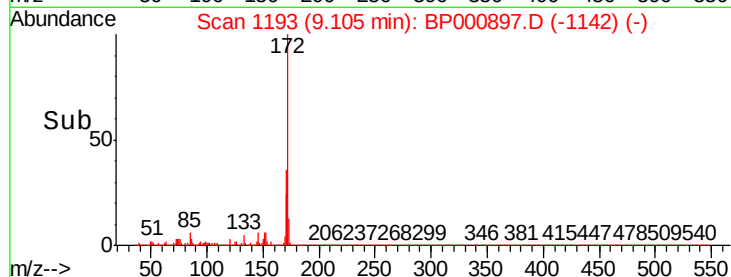
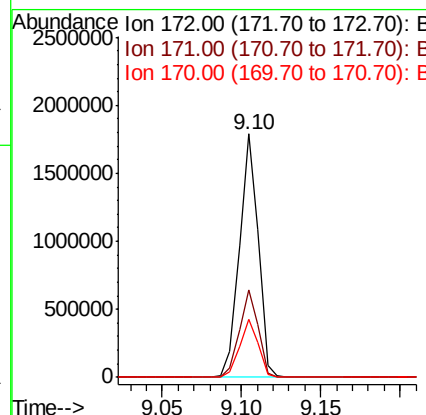
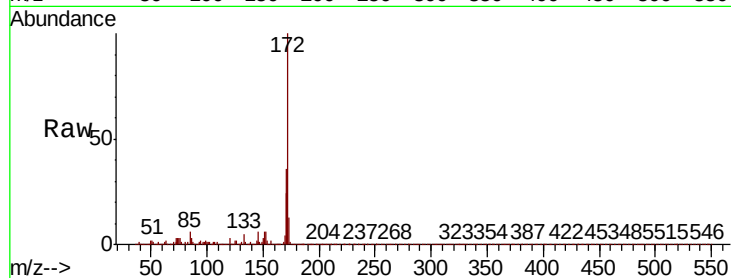




#45
2-Fluorobiphenyl
Concen: 79.736 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP000897.D
Acq: 18 Oct 2019 23:52

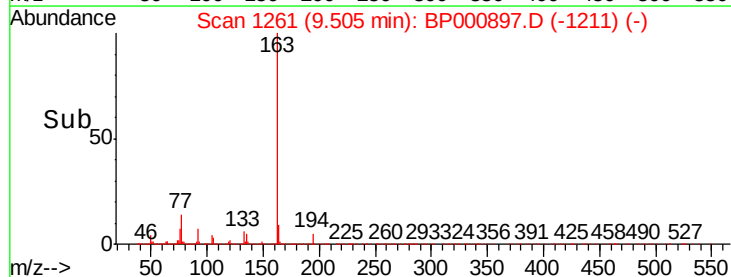
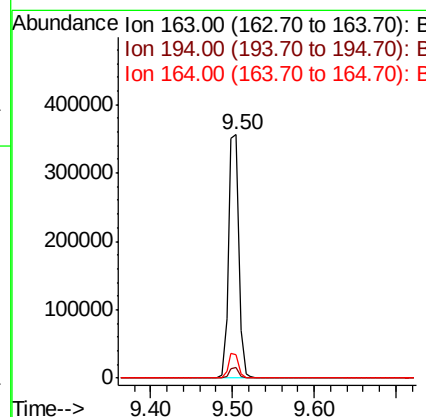
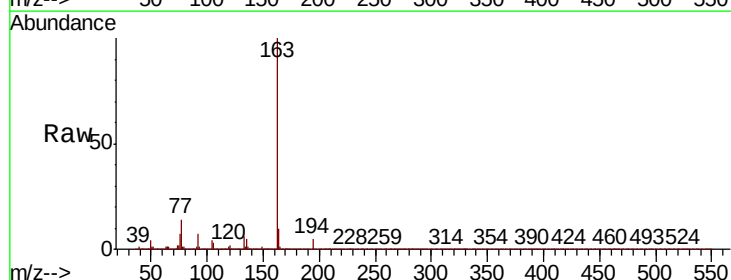
Instrument :
BNA_P
ClientSampleId :
TP-3

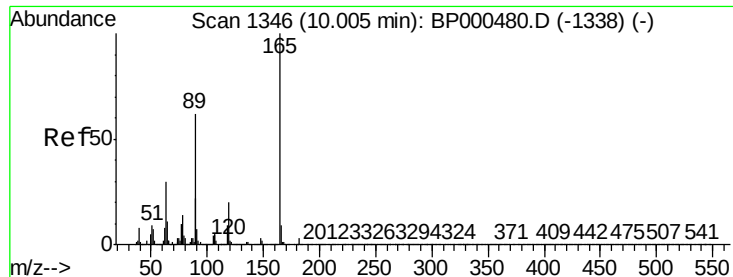
Tot Ion:172 Resp: 1468623
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 23.9 19.3 28.9



#50
Dimethylphthalate
Concen: 15.080 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BP000897.D
Acq: 18 Oct 2019 23:52

Tgt Ion:163 Resp: 312263
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 9.5 8.3 12.5

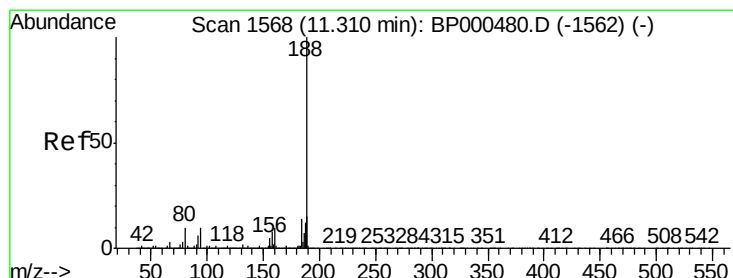
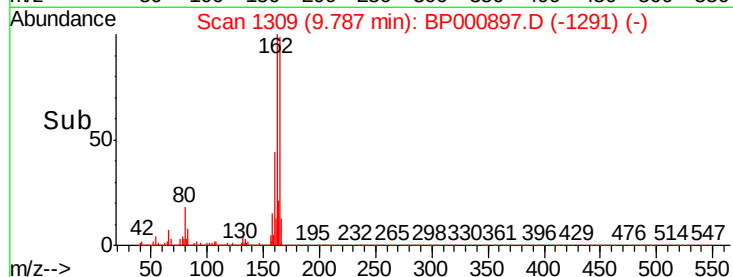
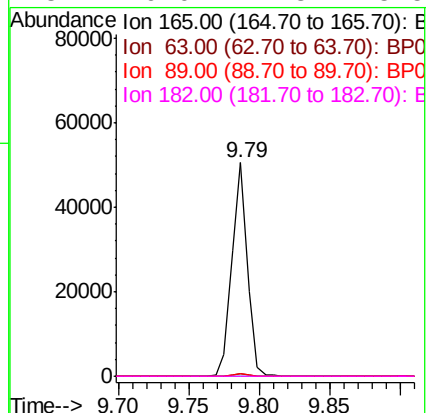
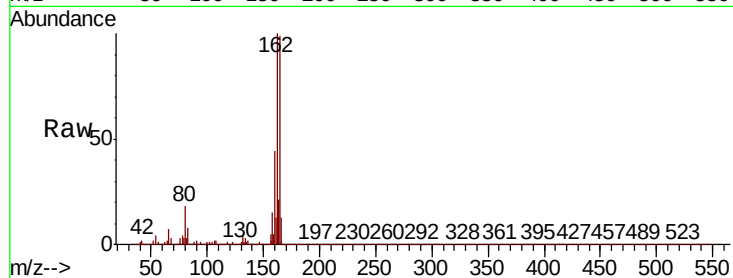




#57
2,4-Dinitrotoluene
Concen: 6.409 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.19 min
Lab File: BP000897.D
Acq: 18 Oct 2019 23:52

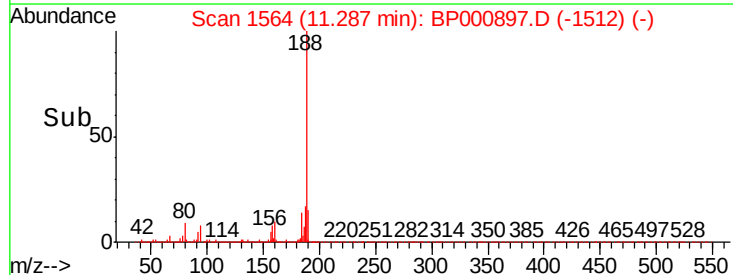
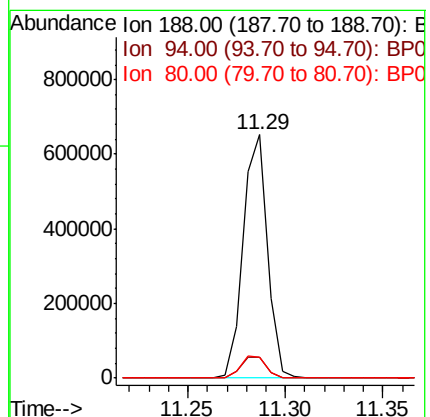
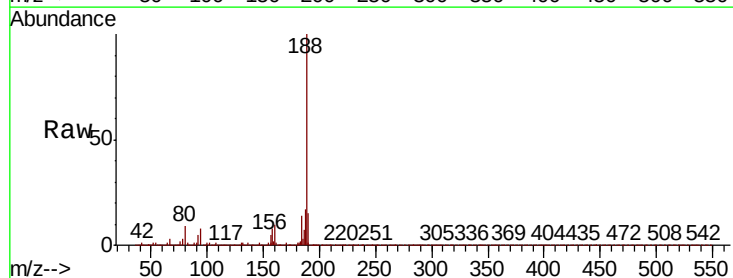
Instrument :
BNA_P
ClientSampleId :
TP-3

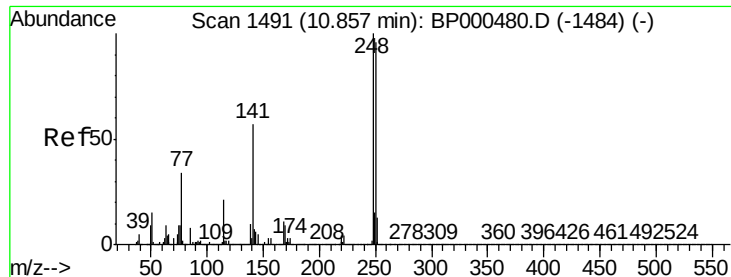
Tot Ion:165	Resp:	38370
Ion Ratio	Lower	Upper
165	100	
63	1.0	25.4 38.2#
89	1.2	49.2 73.8#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BP000897.D
Acq: 18 Oct 2019 23:52

Tgt Ion:188	Resp:	563418
Ion Ratio	Lower	Upper
188	100	
94	8.4	8.0 12.0
80	8.5	8.2 12.4

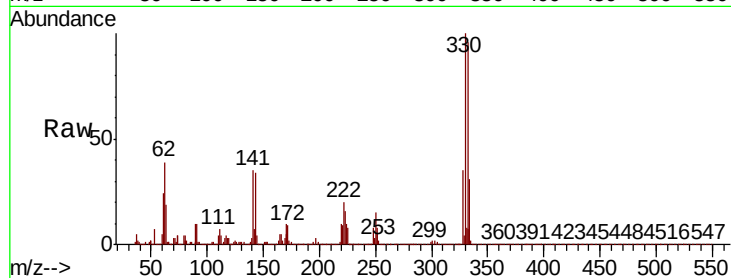




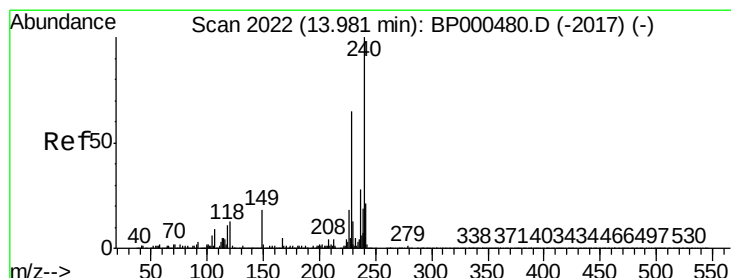
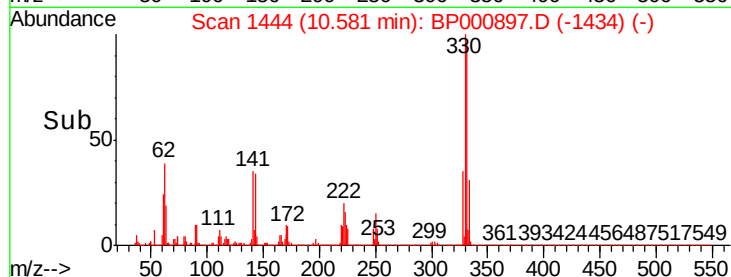
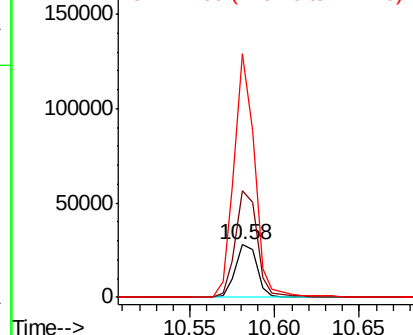
#67
4-Bromophenyl-phenylether
Concen: 4.028 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.24 min
Lab File: BP000897.D
Acq: 18 Oct 2019 23:52

Instrument :
BNA_P
ClientSampleId :
TP-3

Tot Ion:248 Resp: 25549
Ion Ratio Lower Upper
248 100
250 200.9 77.7 116.5#
141 460.9 57.4 86.0#

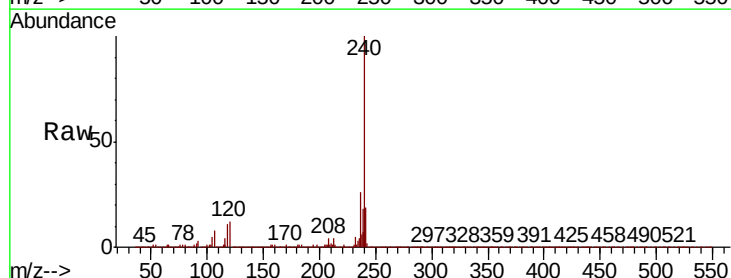


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

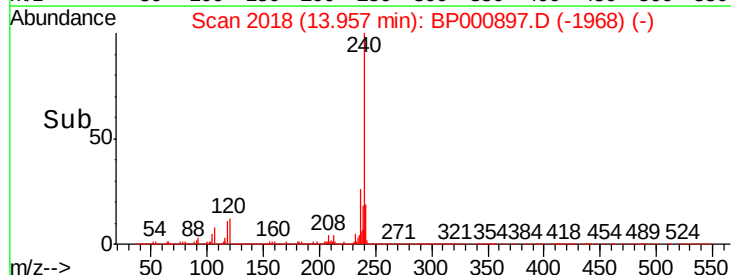
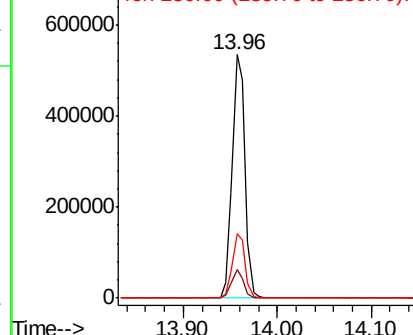


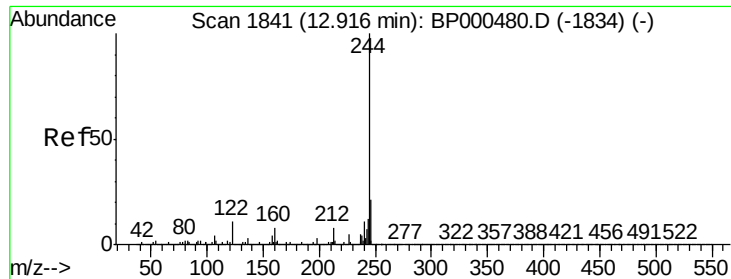
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000897.D
Acq: 18 Oct 2019 23:52

Tgt Ion:240 Resp: 504049
Ion Ratio Lower Upper
240 100
120 12.0 7.3 10.9#
236 26.3 21.2 31.8



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

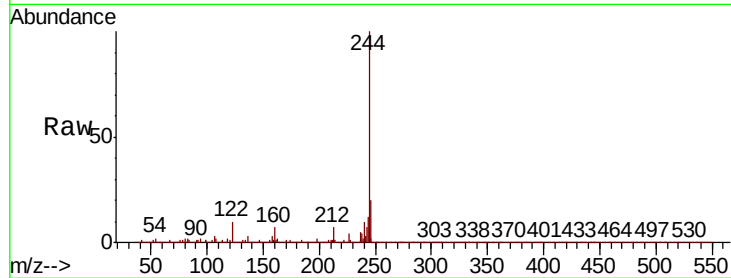




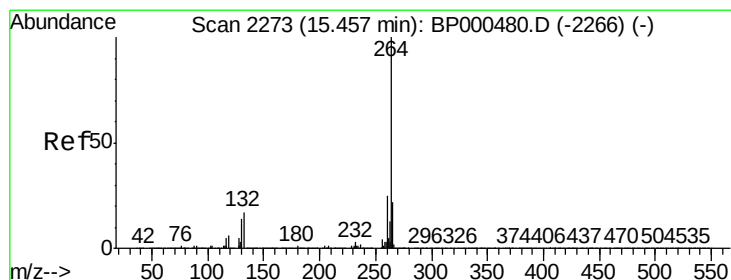
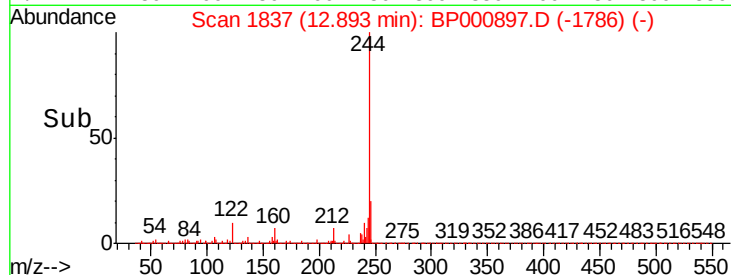
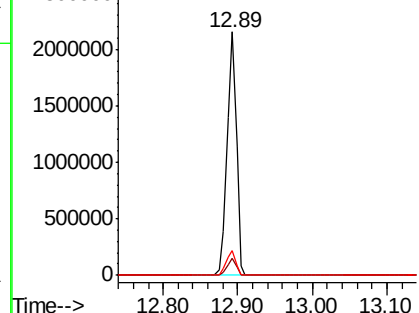
#79
 Terphenyl-d14
 Concen: 74.196 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BP000897.D
 Acq: 18 Oct 2019 23:52

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Tot Ion:244 Resp: 1847092
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.1 7.1 10.7

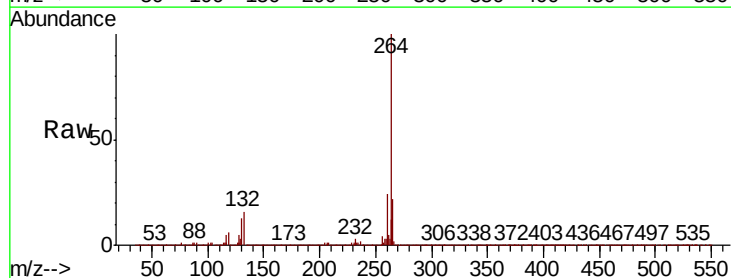


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BP000897.D
 Acq: 18 Oct 2019 23:52

Tgt Ion:264 Resp: 580659
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

