

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100319\
 Data File : BP000501.D
 Acq On : 03 Oct 2019 17:33
 Operator : JU
 Sample : K5131-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190826-COMPOSITE-B

Quant Time: Oct 04 01:30:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

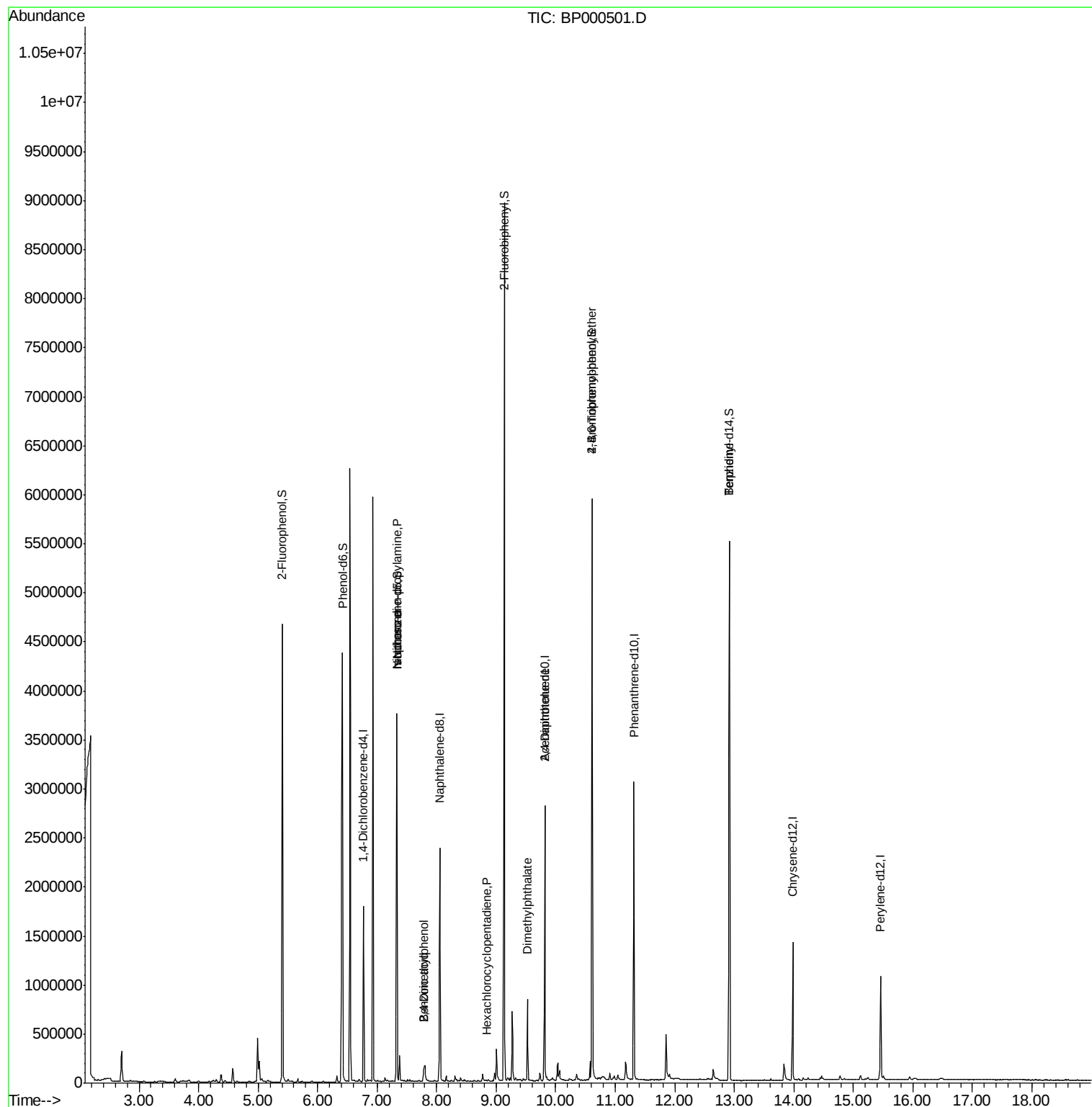
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	275299	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	993312	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	559520	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	1016135	20.00	ng	0.00
76) Chrysene-d12	13.98	240	470887	20.00	ng	0.00
87) Perylene-d12	15.46	264	515493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1671749	97.61	ng	0.02
7) Phenol-d6	6.42	99	1944663	94.23	ng	0.00
23) Nitrobenzene-d5	7.33	82	1363106	83.81	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	828234	138.91	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2964088	85.71	ng	0.00
79) Terphenyl-d14	12.92	244	2071434	89.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	168471	17.710	ng	# 73
25) Isophorone	7.33	82	1362878	47.216	ng	# 61
27) 2,4-Dimethylphenol	7.79	122	41099	3.250	ng	# 6
32) Benzoic acid	7.79	122	41099	5.148	ng	97
41) Hexachlorocyclopentadiene	8.83	237	20	7.300	ng	85
50) Dimethylphthalate	9.53	163	313383	8.061	ng	99
57) 2,4-Dinitrotoluene	9.82	165	73371	6.527	ng	# 31
67) 4-Bromophenyl-phenylether	10.61	248	56221	4.915	ng	# 1
77) Benzidine	12.92	184	28926	2.121	ng	# 97

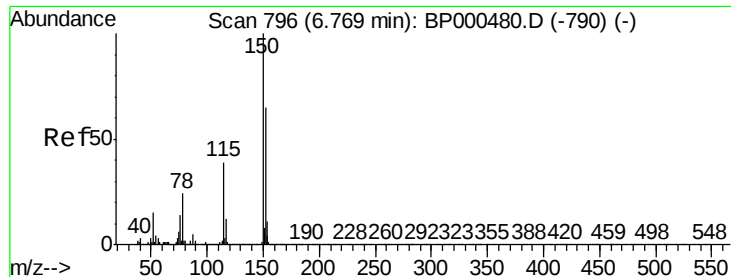
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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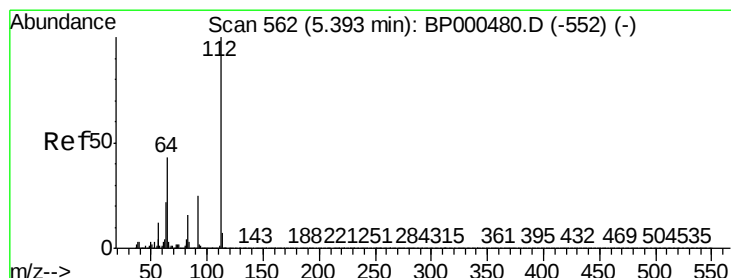
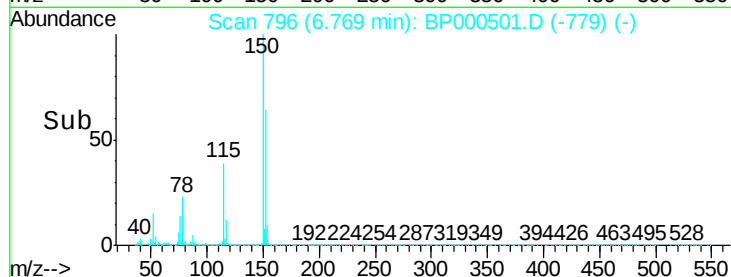
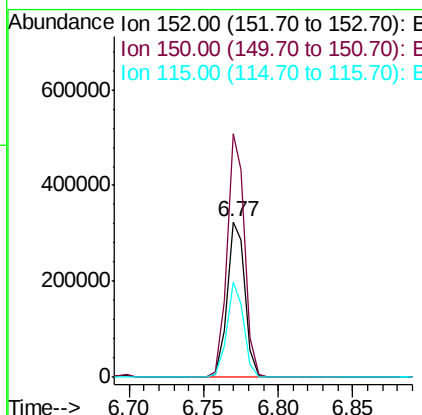
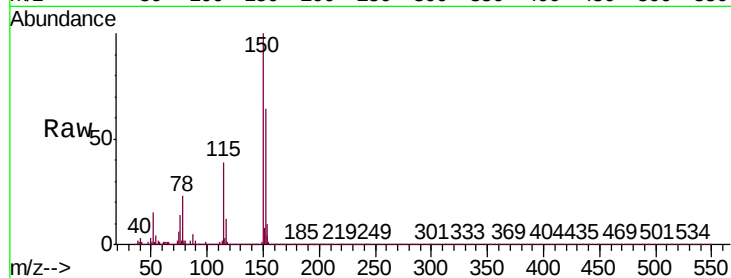


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP000501.D
Acq: 03 Oct 2019 17:33

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

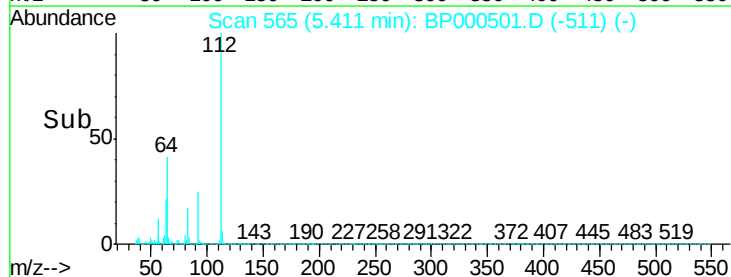
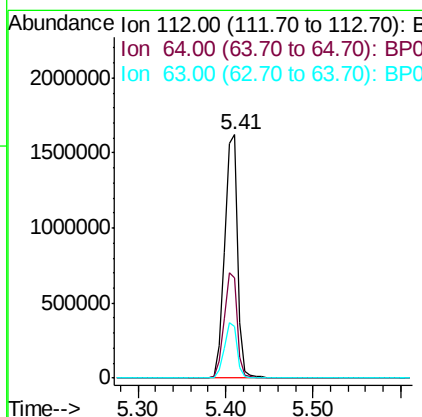
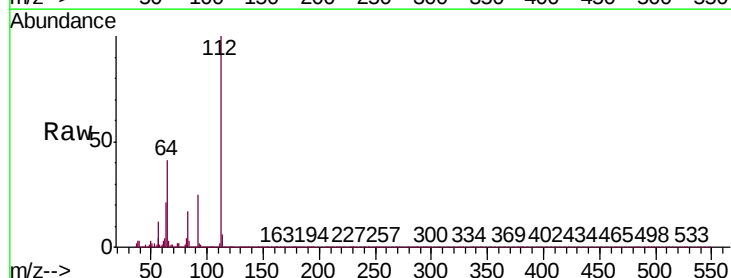
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.1	186.1
115	61.1	48.7	73.1

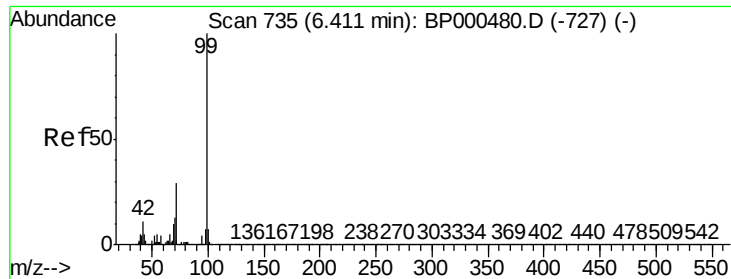


#5

2-Fluorophenol
Concen: 97.612 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BP000501.D
Acq: 03 Oct 2019 17:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.0	34.2	51.4
63	21.2	17.9	26.9





#7

Phenol-d6

Concen: 94.226 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BP000501.D

Acq: 03 Oct 2019 17:33

Instrument :

BNA_P

ClientSampleId :

20190826-COMPOSITE-B

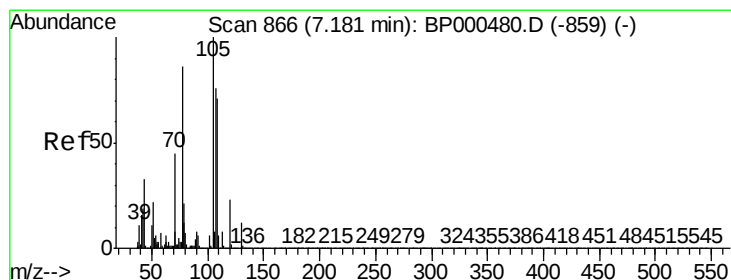
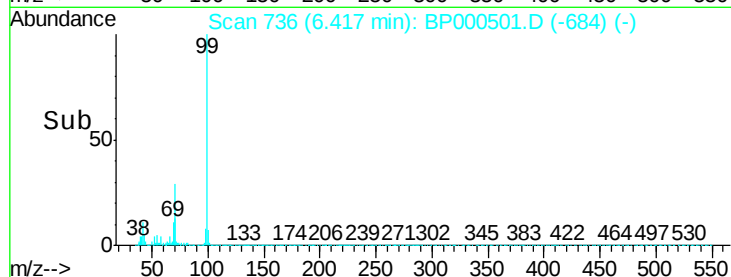
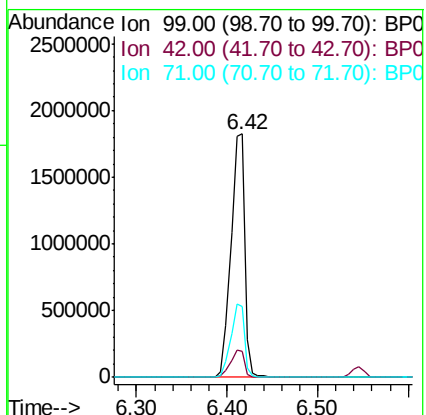
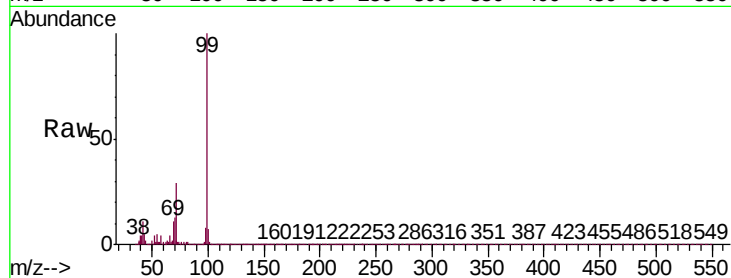
Tgt Ion: 99 Resp: 1944663

Ion Ratio Lower Upper

99 100

42 10.6 8.6 12.8

71 29.3 23.0 34.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.710 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.15 min

Lab File: BP000501.D

Acq: 03 Oct 2019 17:33

Tgt Ion: 70 Resp: 168471

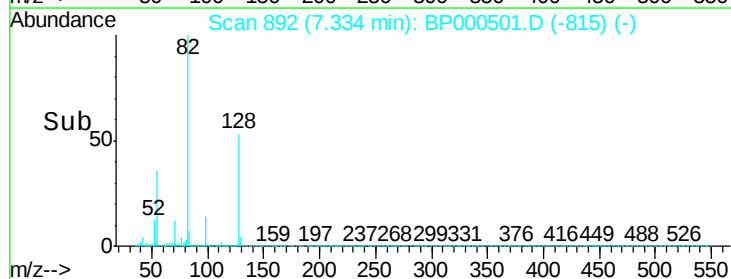
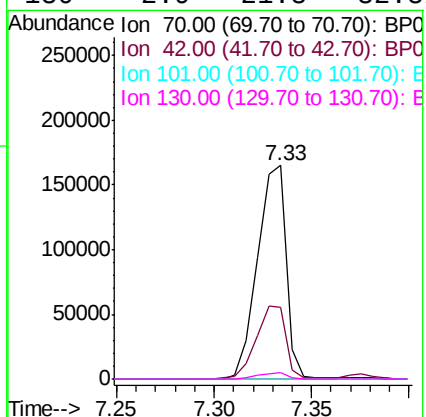
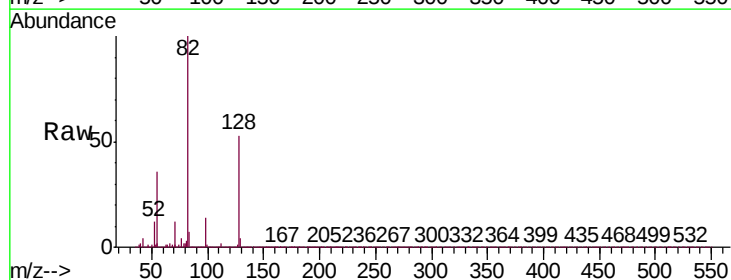
Ion Ratio Lower Upper

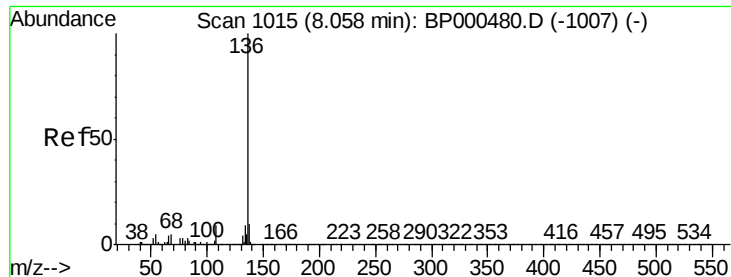
70 100

42 33.4 33.2 49.8

101 0.1 9.9 14.9#

130 2.9 21.8 32.8#

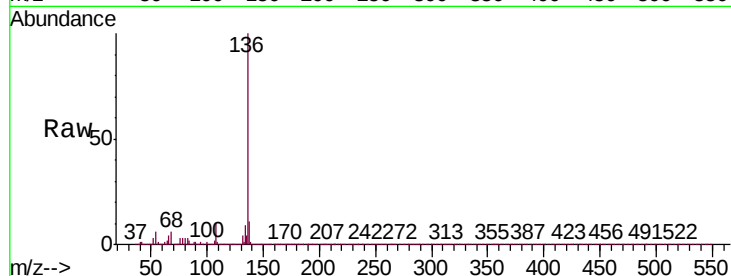




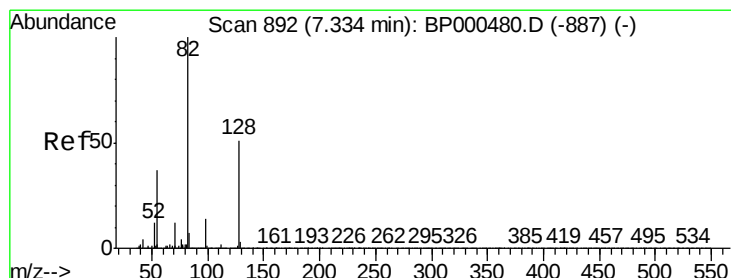
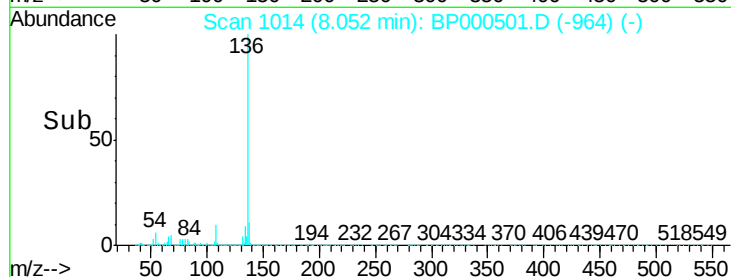
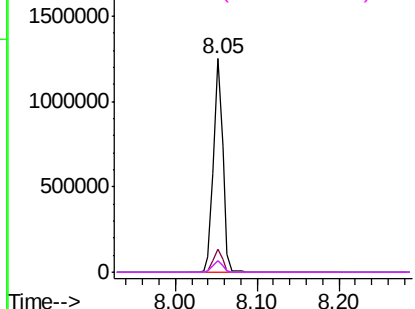
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000501.D
Acq: 03 Oct 2019 17:33

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

Tgt Ion:	136	Resp:	993312
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.7	4.1	6.1
68	5.5	4.1	6.1

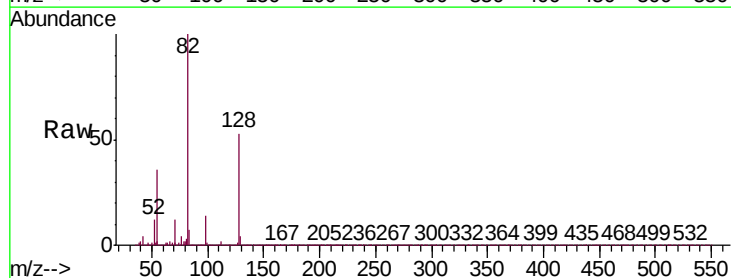


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

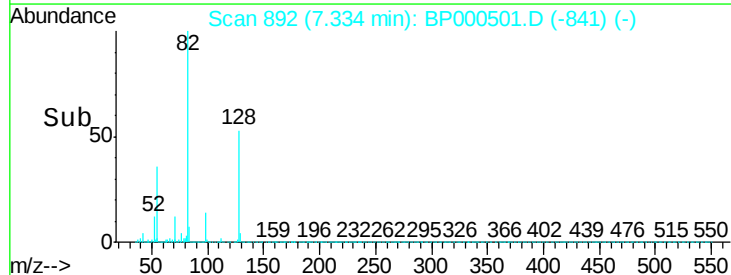
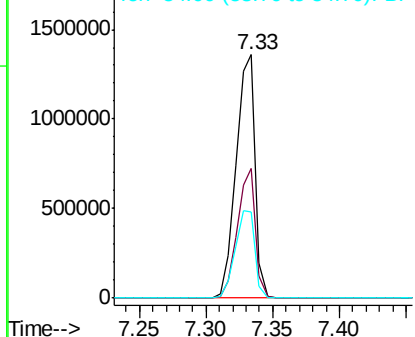


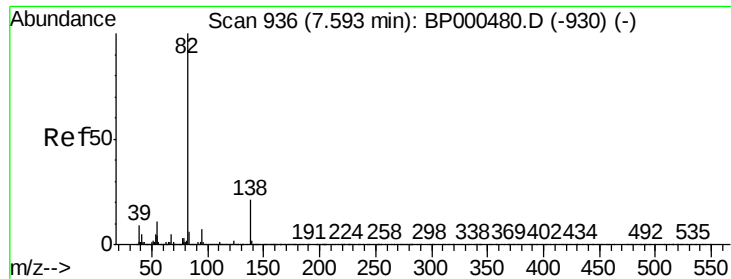
#23
Nitrobenzene-d5
Concen: 83.813 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BP000501.D
Acq: 03 Oct 2019 17:33

Tgt Ion:	82	Resp:	1363106
Ion	Ratio	Lower	Upper
82	100		
128	53.3	40.9	61.3
54	35.6	29.4	44.2



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: 47.216 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BP000501.D

Acq: 03 Oct 2019 17:33

Instrument :

BNA_P

ClientSampleId :

20190826-COMPOSITE-B

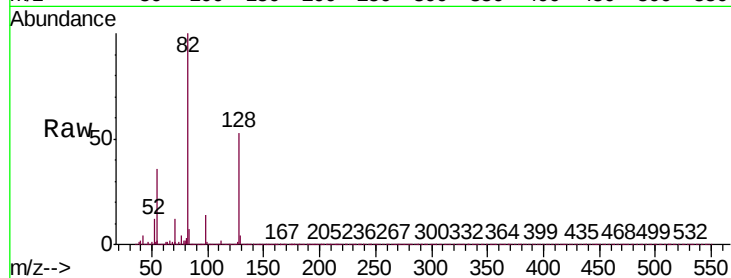
Tgt Ion: 82 Resp: 1362878

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

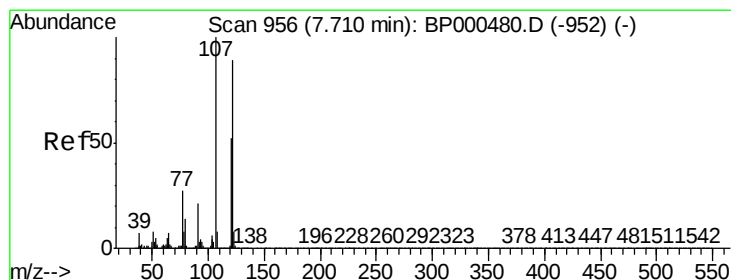
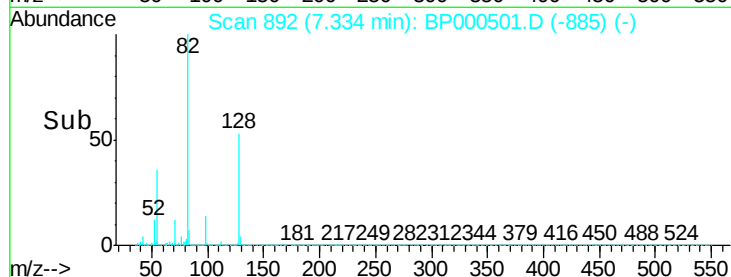
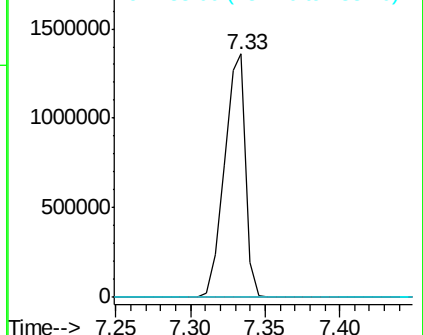
138 0.0 17.0 25.4#



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): B



#27

2,4-Dimethylphenol

Concen: 3.250 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.08 min

Lab File: BP000501.D

Acq: 03 Oct 2019 17:33

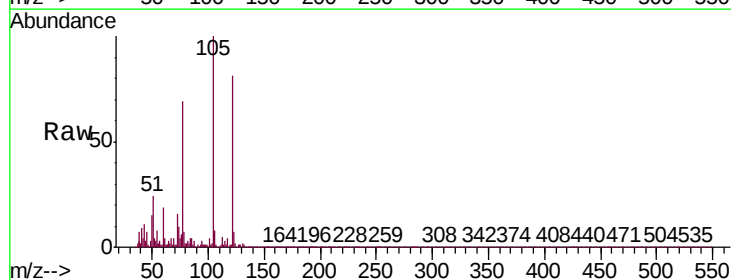
Tgt Ion: 122 Resp: 41099

Ion Ratio Lower Upper

122 100

107 1.4 89.9 134.9#

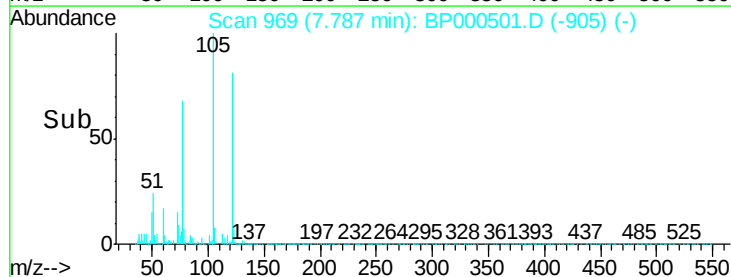
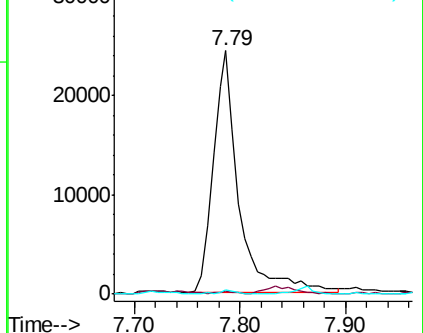
121 1.6 46.6 70.0#

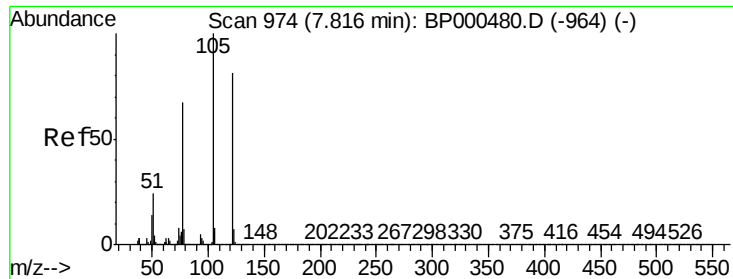


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

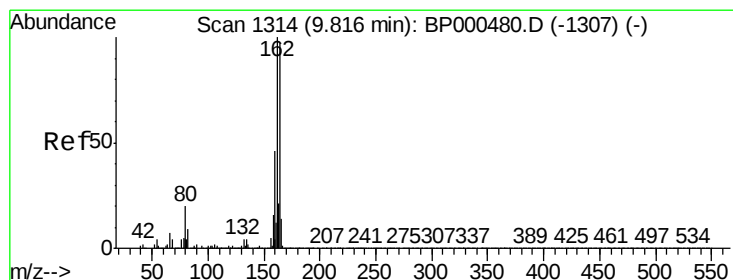
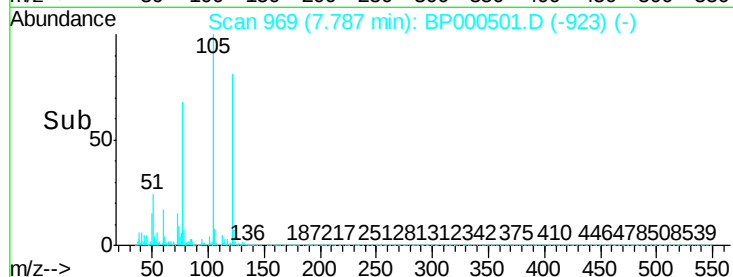
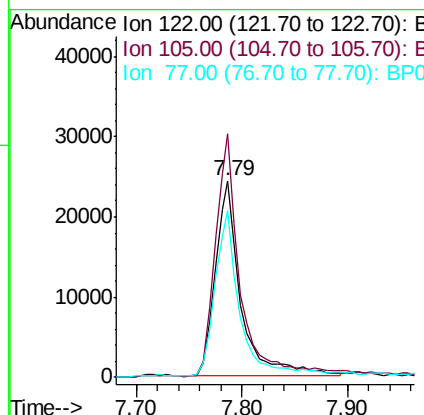
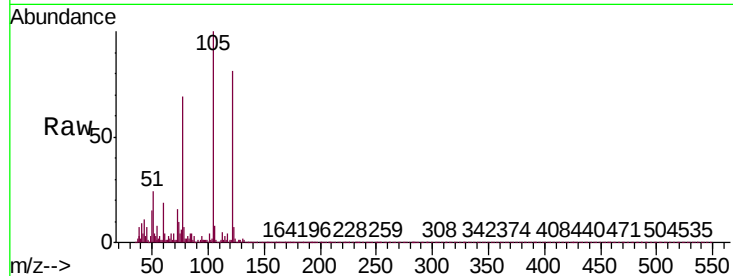




#32
Benzoic acid
Concen: 5.148 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.03 min
Lab File: BP000501.D
Acq: 03 Oct 2019 17:33

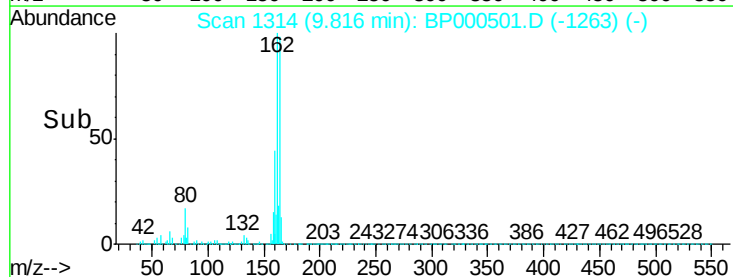
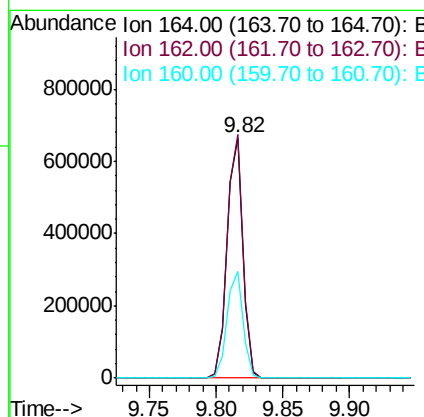
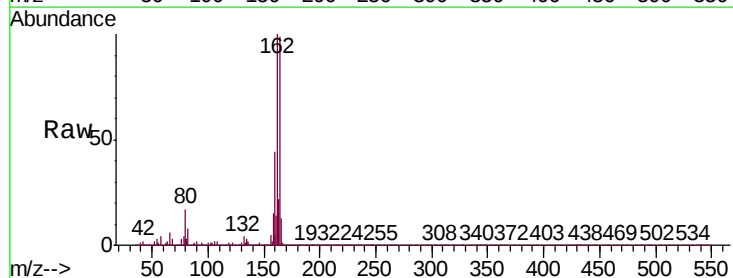
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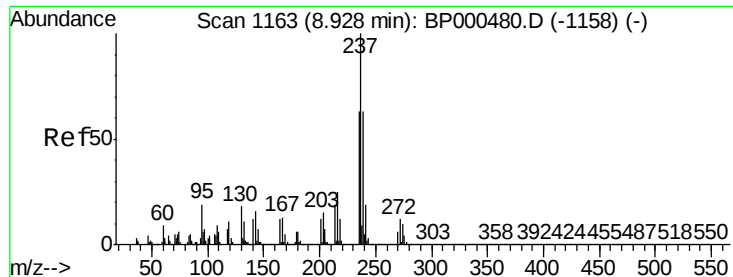
Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.8	101.4	141.4
77	84.9	62.1	102.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BP000501.D
Acq: 03 Oct 2019 17:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.2	123.2
160	44.5	37.6	56.4





#41

Hexachlorocyclopentadiene

Concen: 7.300 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.09 min

Lab File: BP000501.D

Acq: 03 Oct 2019 17:33

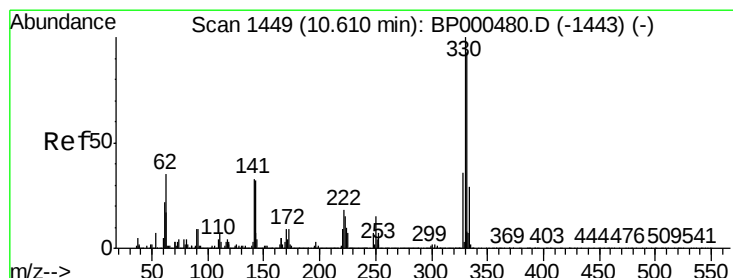
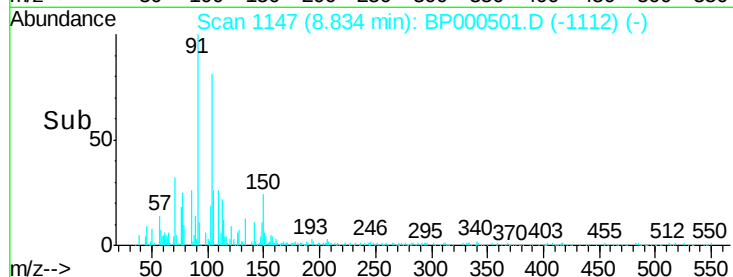
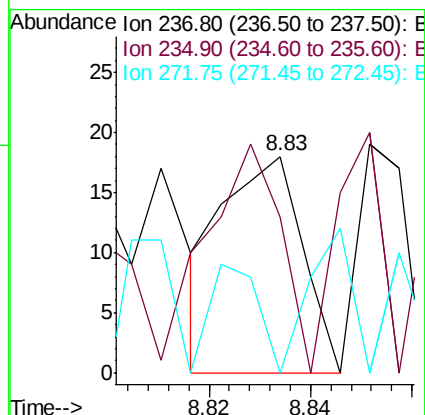
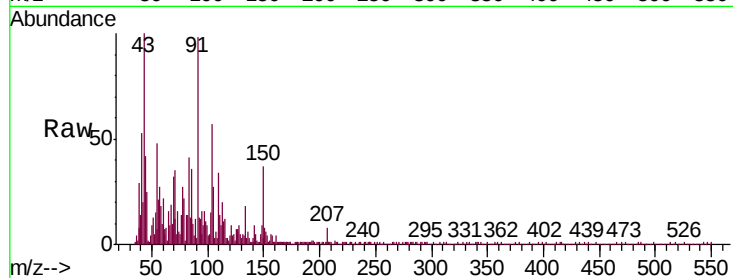
Instrument :

BNA_P

ClientSampleId :

20190826-COMPOSITE-B

Tgt Ion:	237	Resp:	20
Ion Ratio	Lower	Upper	
237	100		
235	72.2	42.9	82.9
272	0.0	0.0	32.4



#42

2,4,6-Tribromophenol

Concen: 138.911 ng

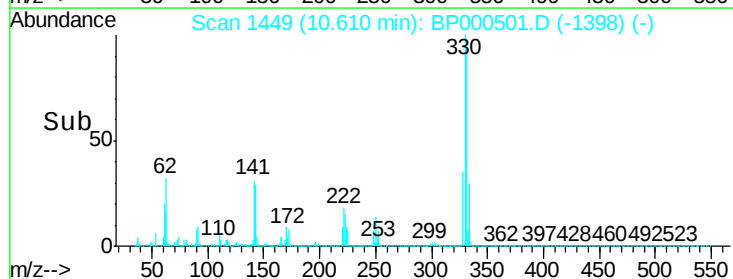
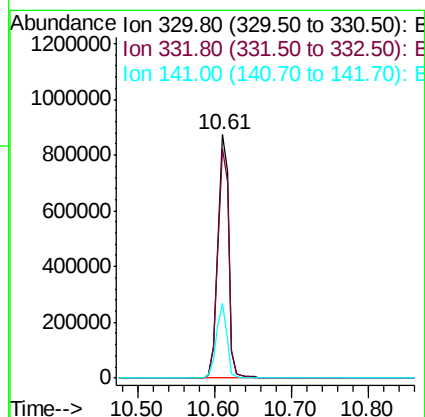
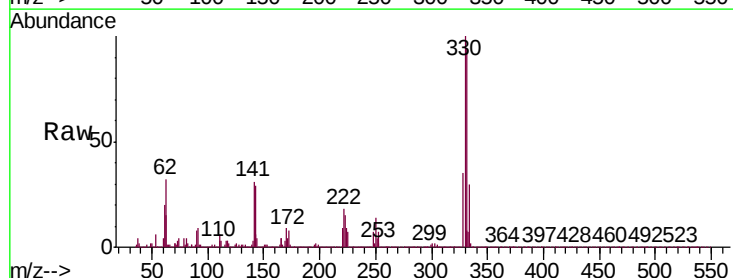
RT: 10.61 min Scan# 1449

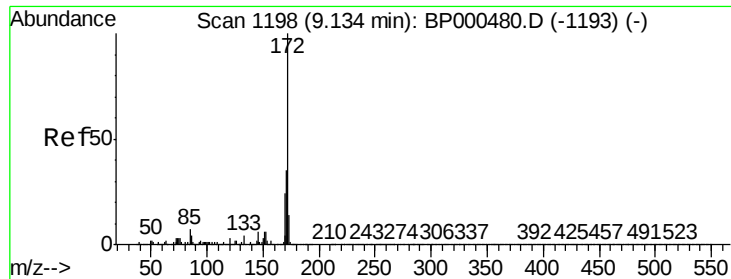
Delta R.T. 0.00 min

Lab File: BP000501.D

Acq: 03 Oct 2019 17:33

Tgt Ion:	330	Resp:	828234
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.1	115.7
141	29.6	26.0	39.0

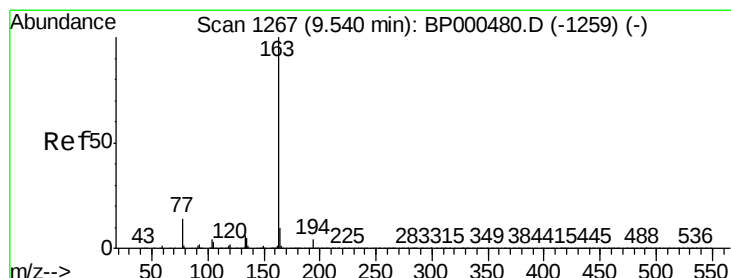
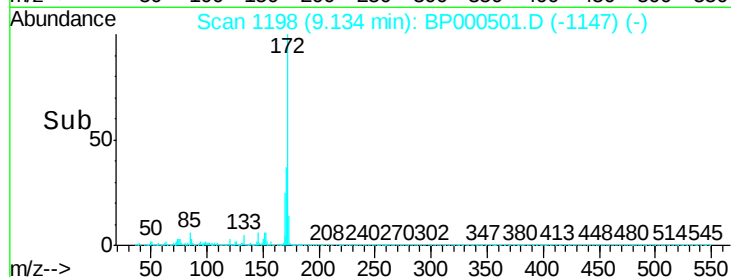
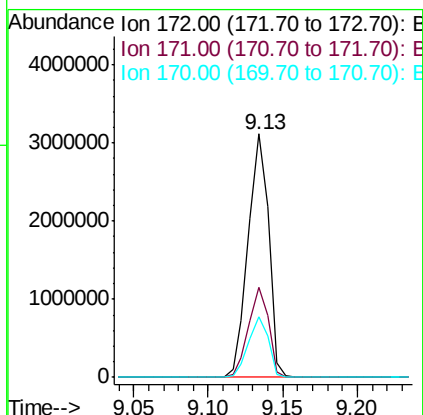
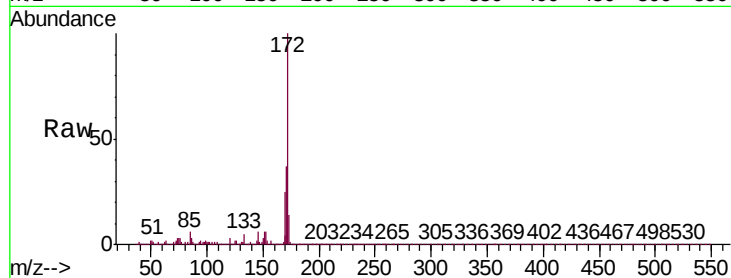




#45
2-Fluorobiphenyl
Concen: 85.714 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP000501.D
Acq: 03 Oct 2019 17:33

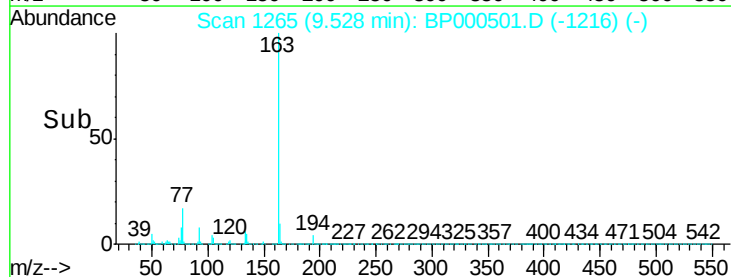
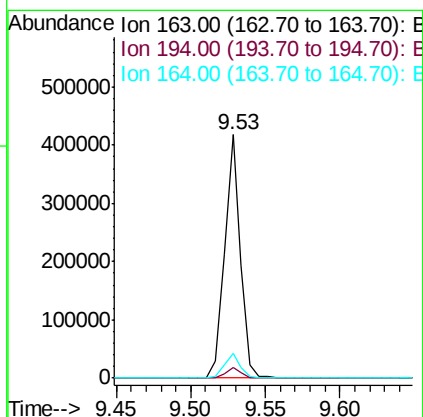
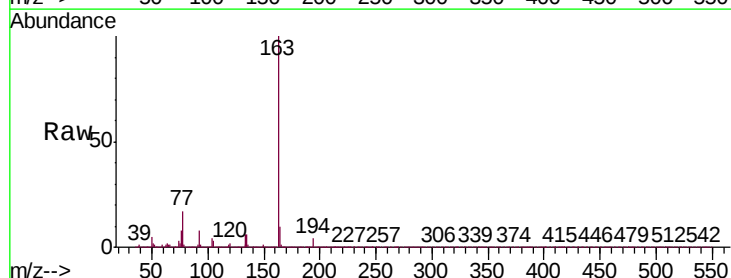
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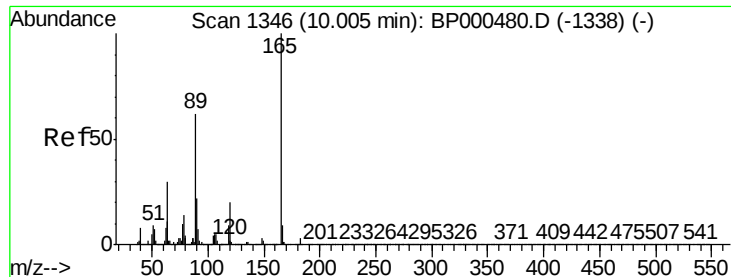
Tgt Ion:172 Resp: 2964088
Ion Ratio Lower Upper
172 100
171 37.1 28.4 42.6
170 24.8 19.1 28.7



#50
Dimethylphthalate
Concen: 8.061 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000501.D
Acq: 03 Oct 2019 17:33

Tgt Ion:163 Resp: 313383
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 8.0 12.0

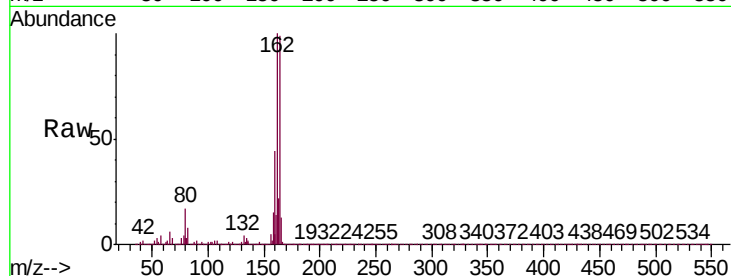




#57
2,4-Dinitrotoluene
Concen: 6.527 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BP000501.D
Acq: 03 Oct 2019 17:33

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	24.2	36.4#
89	1.4	49.4	74.0#
182	0.1	2.5	3.7#

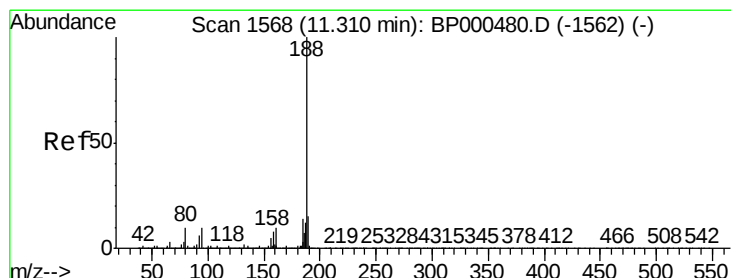
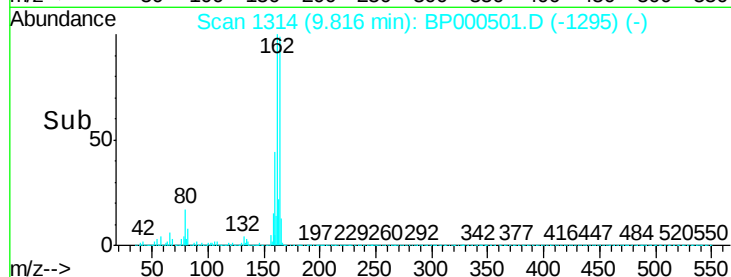
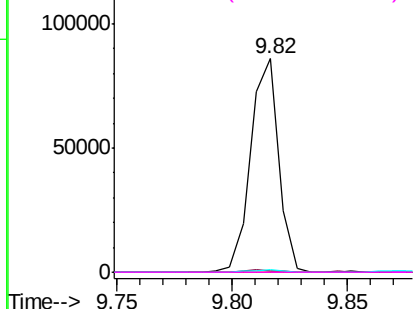


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

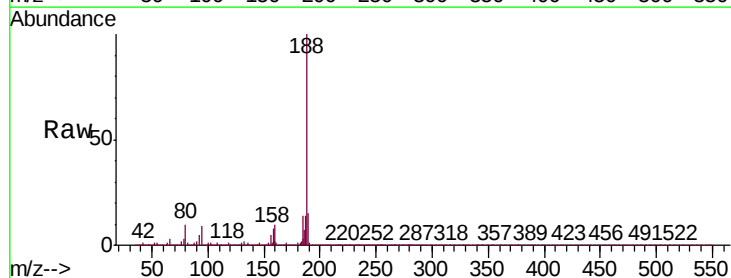
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BP000501.D
Acq: 03 Oct 2019 17:33

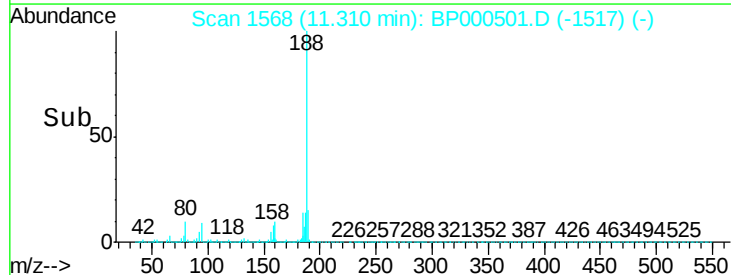
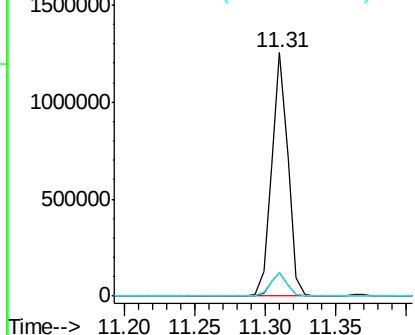
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	9.6	8.3	12.5

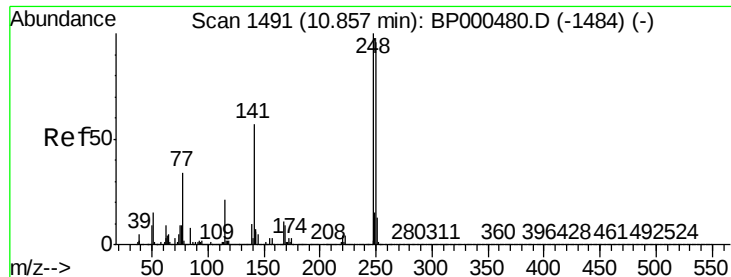


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#67

4-Bromophenyl-phenylether

Concen: 4.915 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.25 min

Lab File: BP000501.D

Acq: 03 Oct 2019 17:33

Instrument :

BNA_P

ClientSampleId :

20190826-COMPOSITE-B

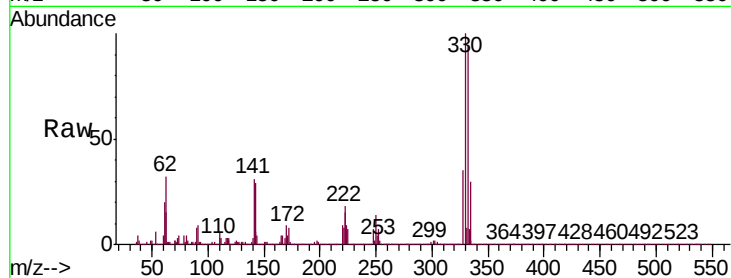
Tgt Ion:248 Resp: 56221

Ion Ratio Lower Upper

248 100

250 191.7 77.2 115.8#

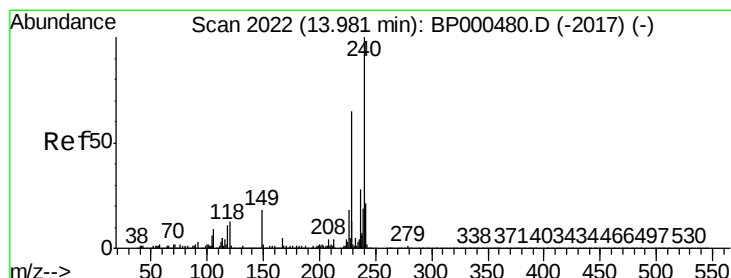
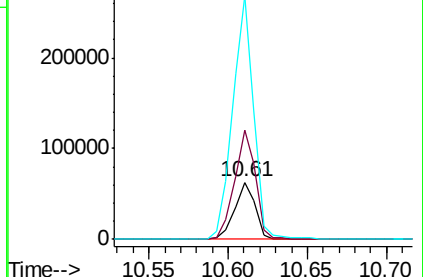
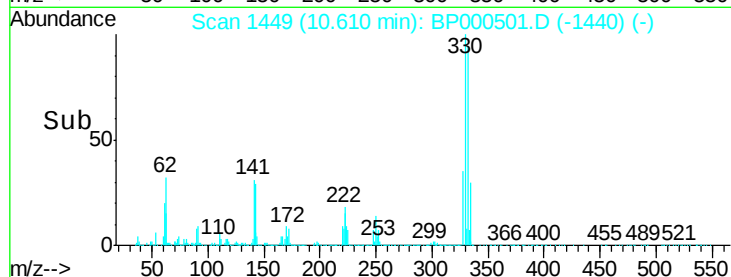
141 428.5 45.3 67.9#



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: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BP000501.D

Acq: 03 Oct 2019 17:33

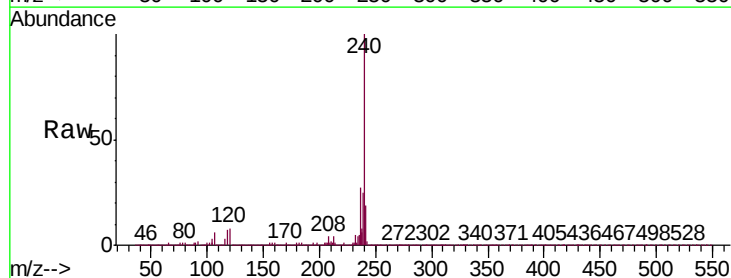
Tgt Ion:240 Resp: 470887

Ion Ratio Lower Upper

240 100

120 7.7 10.1 15.1#

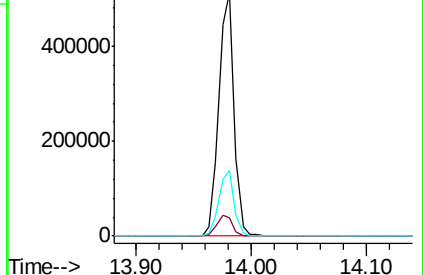
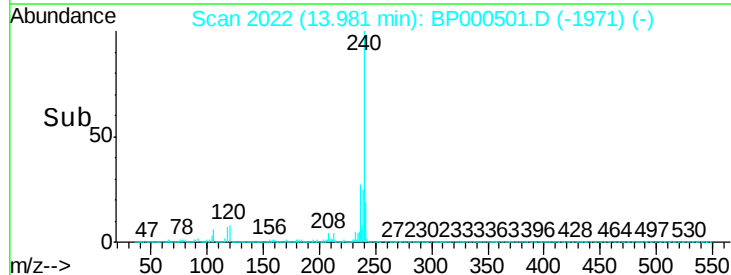
236 26.8 22.7 34.1

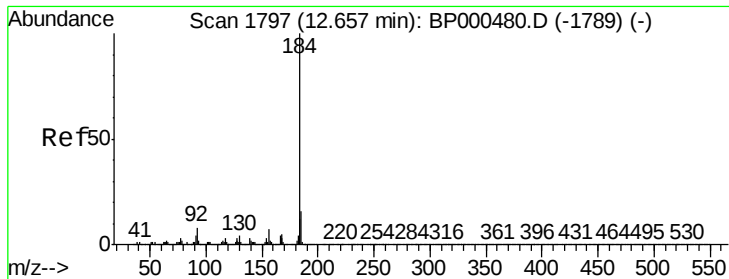


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.121 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.26 min

Lab File: BP000501.D

Acq: 03 Oct 2019 17:33

Instrument :

BNA_P

ClientSampleId :

20190826-COMPOSITE-B

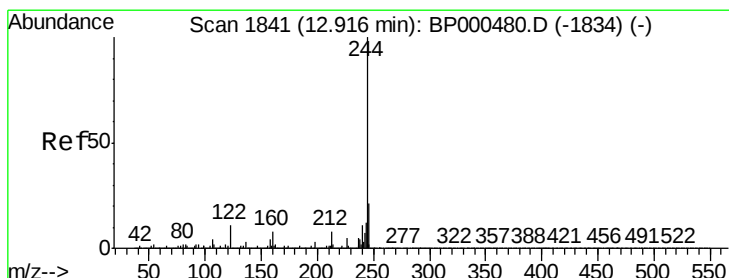
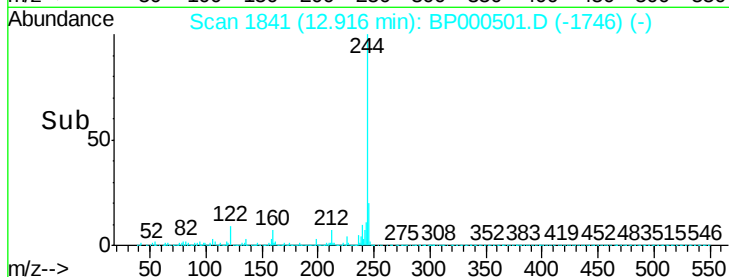
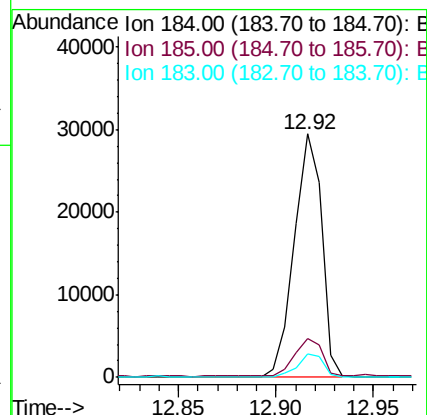
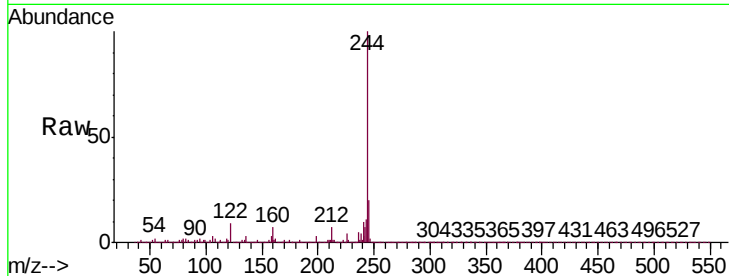
Tgt Ion:184 Resp: 28926

Ion Ratio Lower Upper

184 100

185 16.0 12.7 19.1

183 9.5 9.7 14.5#



#79

Terphenyl-d14

Concen: 89.068 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BP000501.D

Acq: 03 Oct 2019 17:33

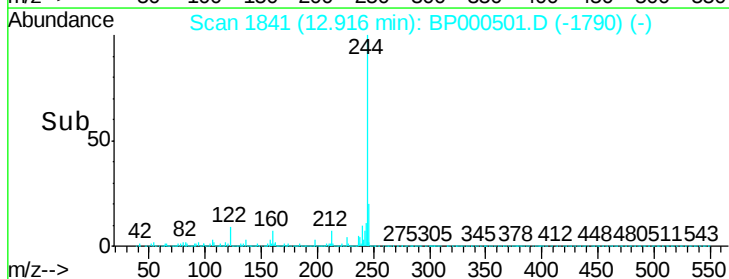
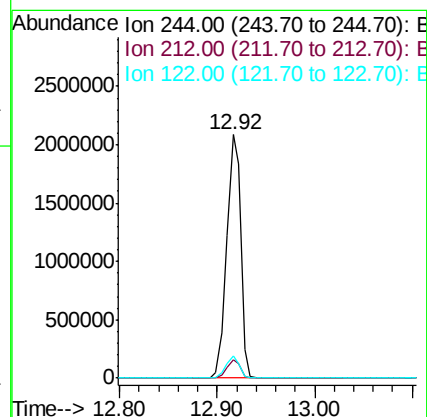
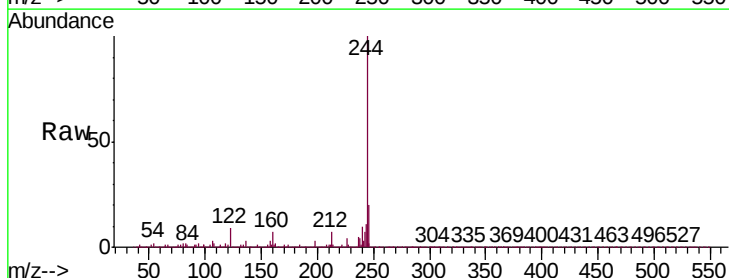
Tgt Ion:244 Resp: 2071434

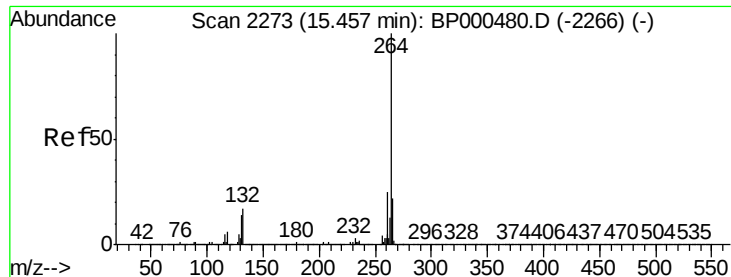
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 8.9 8.9 13.3

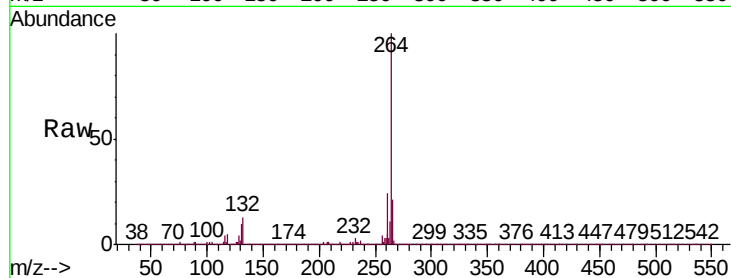




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BP000501.D
Acq: 03 Oct 2019 17:33

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.3	30.5
265	21.4	18.0	27.0



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

