

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
 Data File : BP002906.D
 Acq On : 05 Aug 2020 11:14
 Operator : CG/JU
 Sample : L3541-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SVOC-FIELD-BLANK

Quant Time: Aug 05 11:43:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	365854	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1386298	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	841550	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1803617	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1898540	20.00	ng	0.00
86) Perylene-d12	23.46	264	1929343	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1167739	48.85	ng	0.00
7) Phenol-d6	6.89	99	847936	25.55	ng	0.00
23) Nitrobenzene-d5	8.86	82	1971312	77.02	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1405442	134.37	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4724926	76.71	ng	0.00
79) Terphenyl-d14	19.68	244	7364445	77.66	ng	0.00

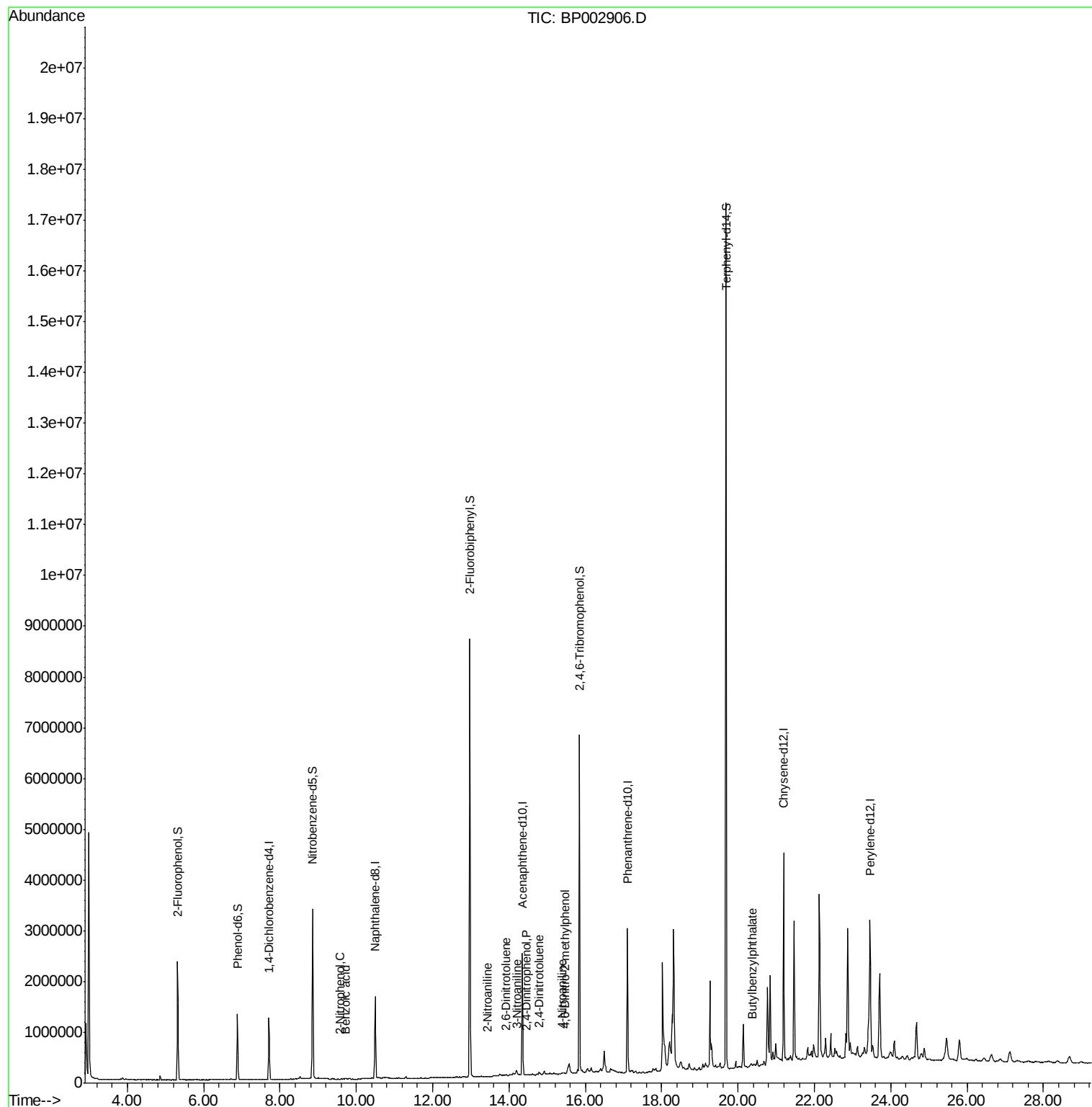
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.57	139	154	4.533	ng	# 1
32) Benzoic acid	9.72	122	3901	7.940	ng	92
48) 2-Nitroaniline	13.43	65	305	3.992	ng	# 65
51) 2,6-Dinitrotoluene	13.90	165	482	2.930	ng	# 66
53) 3-Nitroaniline	14.22	138	456	3.301	ng	# 51
54) 2,4-Dinitrophenol	14.45	184	184	8.084	ng	# 14
57) 2,4-Dinitrotoluene	14.79	165	708	3.839	ng	# 76
62) 4-Nitroaniline	15.40	138	962	2.476	ng	93
65) 4,6-Dinitro-2-methylphenol	15.46	198	201	6.919	ng	# 1
80) Butylbenzylphthalate	20.36	149	2287	3.098	ng	# 59

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

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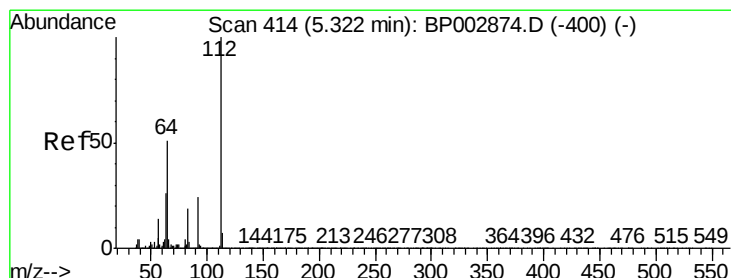
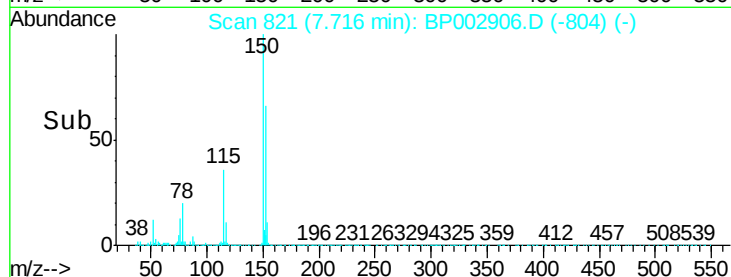
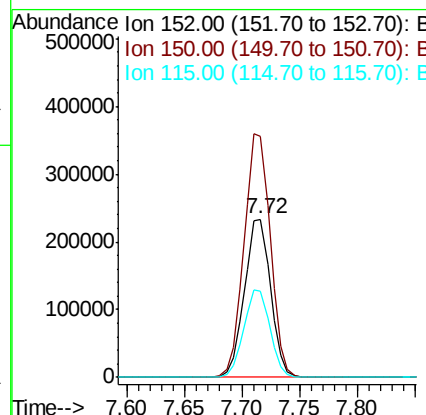
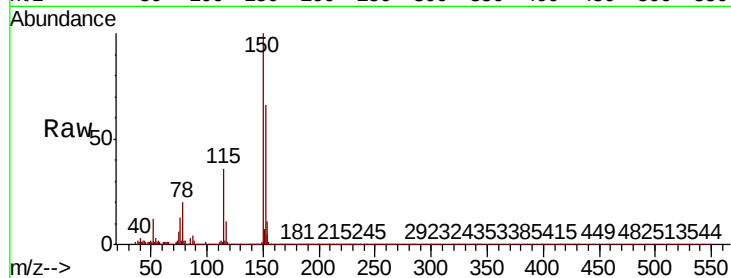


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP002906.D
Acq: 05 Aug 2020 11:14

Instrument :
BNA_P
ClientSampleId :
SVOC-FIELD-BLANK

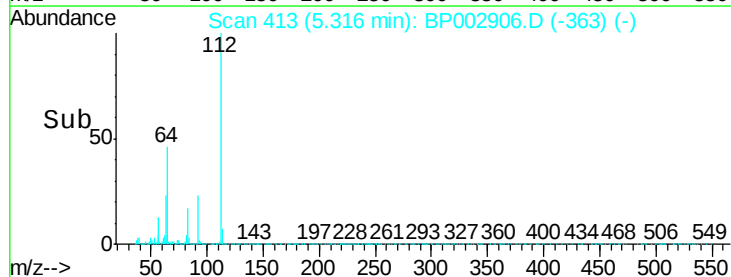
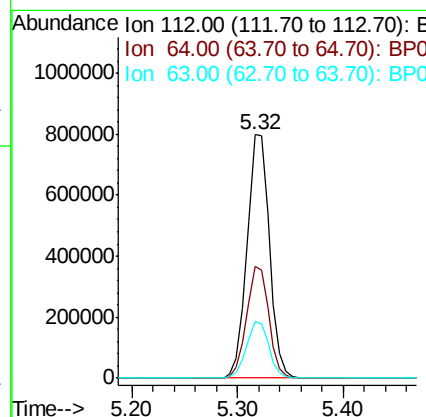
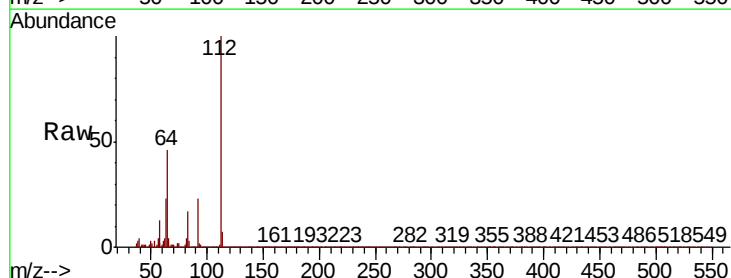
Tot Ion	152	Resp	365854
Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.8	187.2
115	54.7	47.4	71.2

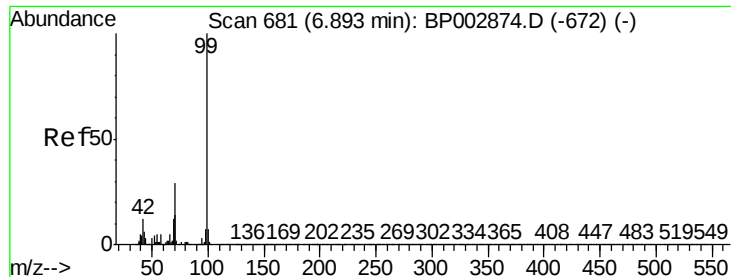


#5

2-Fluorophenol
Concen: 48.851 ng
RT: 5.32 min Scan# 413
Delta R.T. -0.01 min
Lab File: BP002906.D
Acq: 05 Aug 2020 11:14

Tgt Ion	112	Resp	1167739
Ion	Ratio	Lower	Upper
112	100		
64	45.9	41.0	61.6
63	23.3	20.7	31.1





#7

Phenol-d6

Concen: 25.549 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002906.D

Acq: 05 Aug 2020 11:14

Instrument :

BNA_P

ClientSampleId :

SVOC-FIELD-BLANK

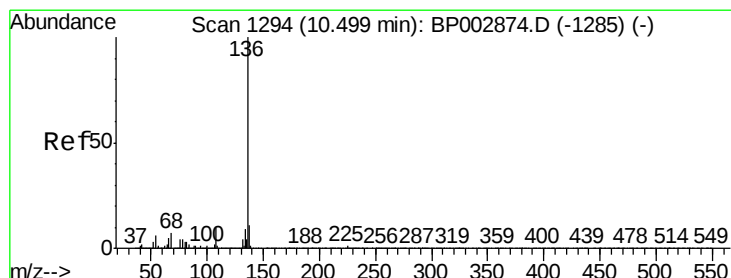
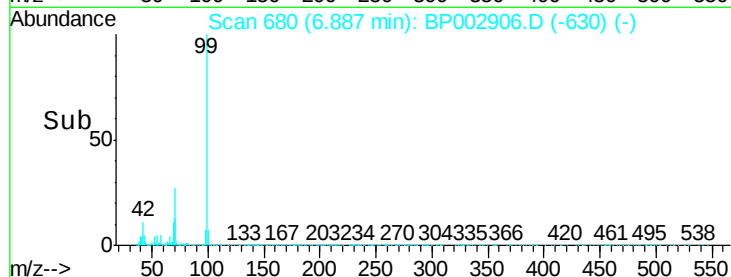
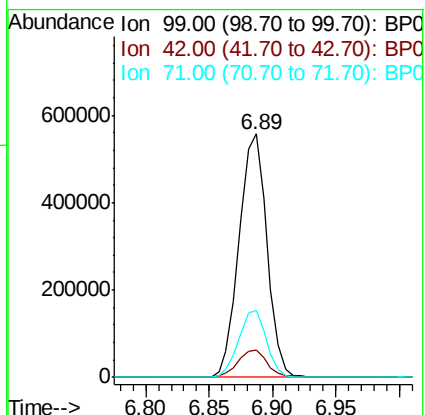
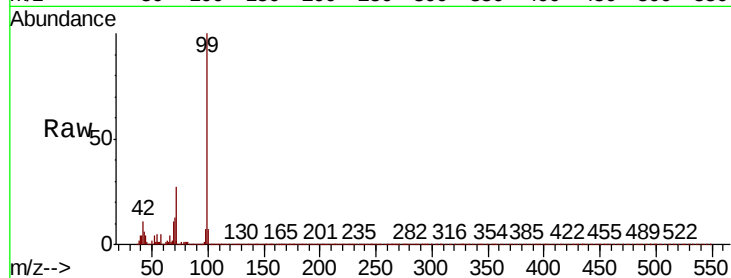
Tot Ion: 99 Resp: 847936

Ion Ratio Lower Upper

99 100

42 11.0 9.3 13.9

71 27.4 23.5 35.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BP002906.D

Acq: 05 Aug 2020 11:14

Tgt Ion: 136 Resp: 1386298

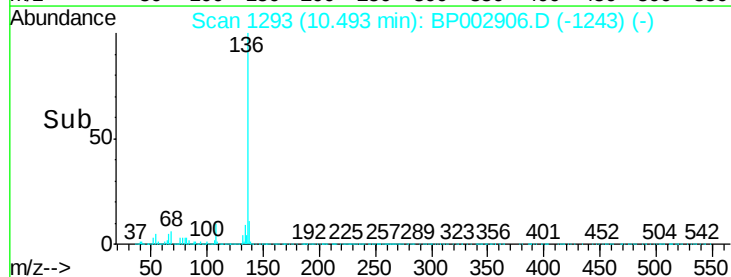
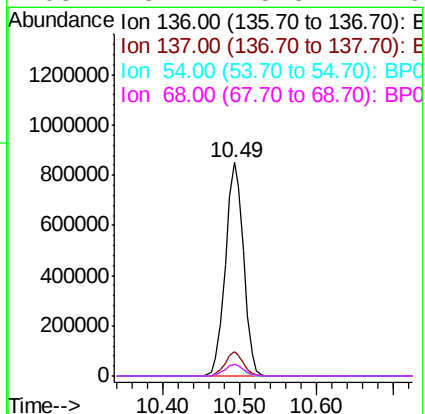
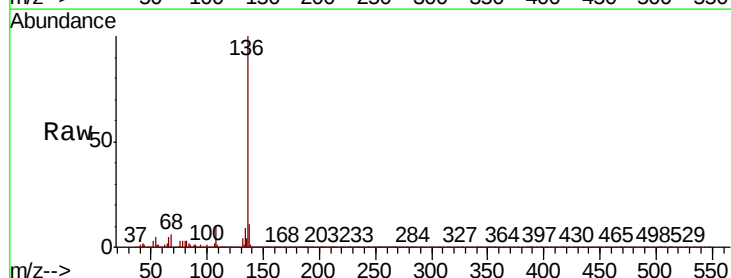
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 5.4 5.1 7.7

68 5.7 5.3 7.9

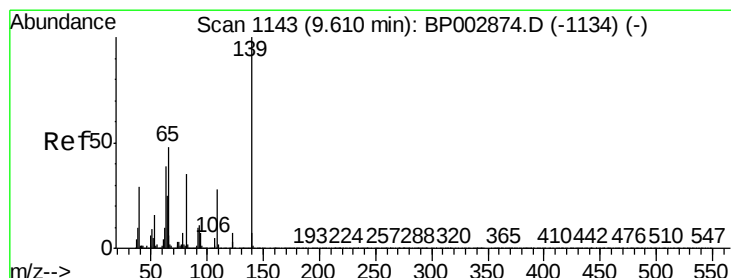
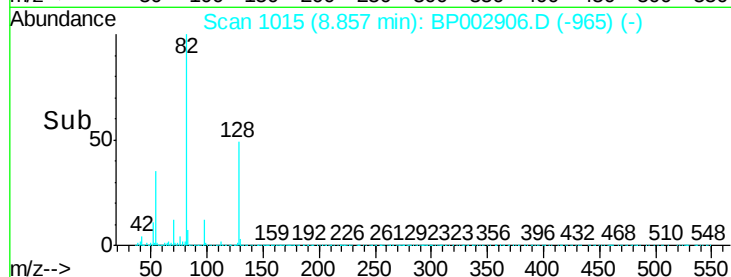
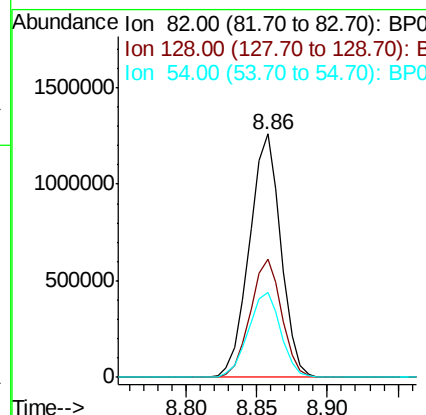
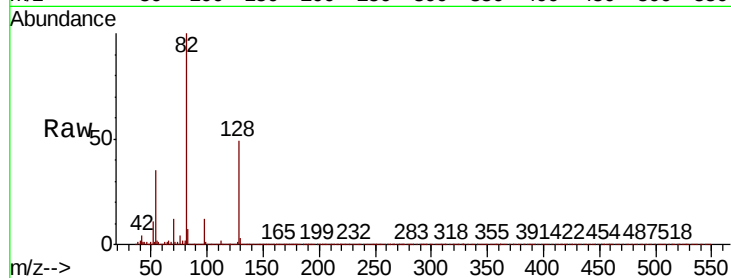




#23
Nitrobenzene-d5
Concen: 77.019 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002906.D
Acq: 05 Aug 2020 11:14

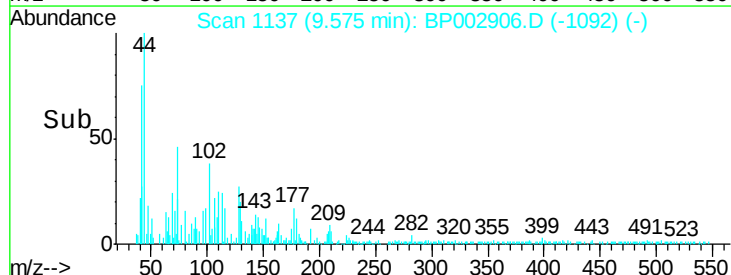
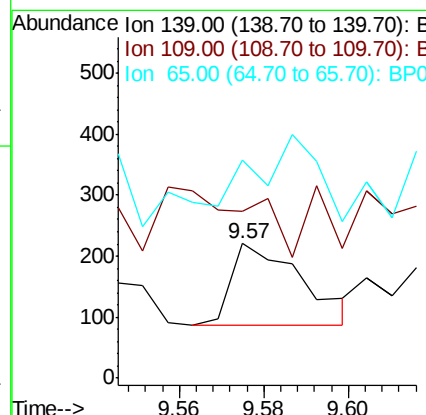
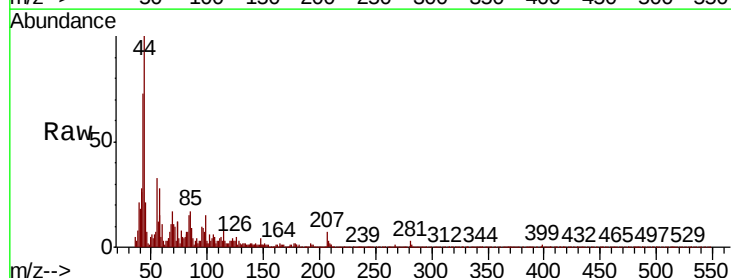
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BNA_P
ClientSampleId :
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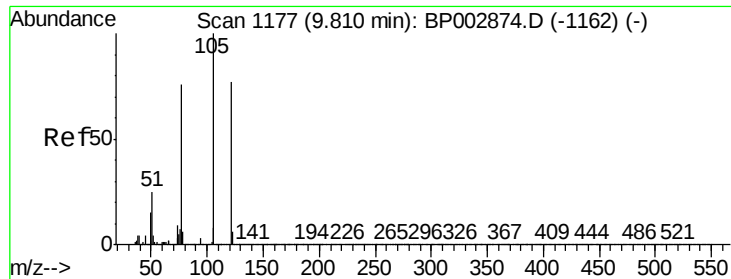
Tot Ion: 82 Resp: 1971312
Ion Ratio Lower Upper
82 100
128 48.6 34.6 52.0
54 34.9 29.5 44.3



#26
2-Nitrophenol
Concen: 4.533 ng
RT: 9.57 min Scan# 1137
Delta R.T. -0.04 min
Lab File: BP002906.D
Acq: 05 Aug 2020 11:14

Tgt Ion:139 Resp: 154
Ion Ratio Lower Upper
139 100
109 123.5 22.2 33.2#
65 162.0 38.9 58.3#

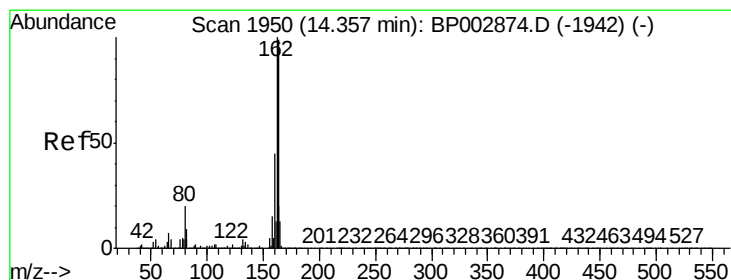
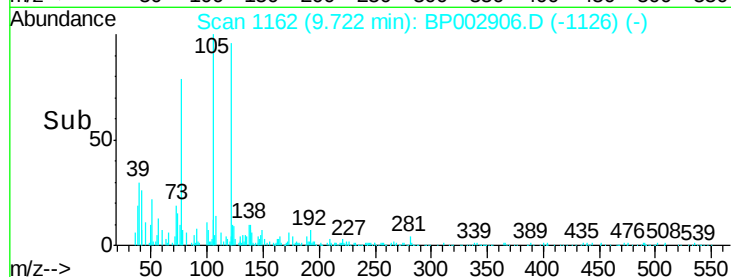
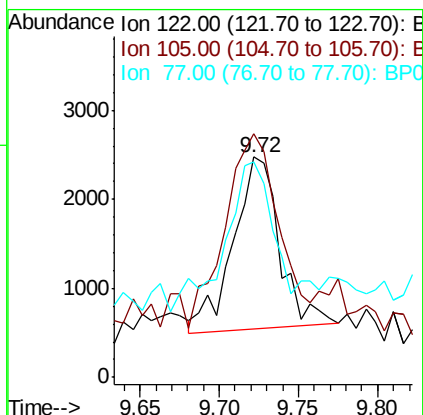
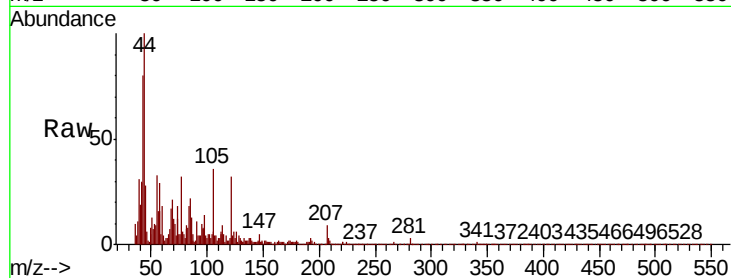




#32
Benzoic acid
Concen: 7.940 ng
RT: 9.72 min Scan# 1162
Delta R.T. -0.09 min
Lab File: BP002906.D
Acq: 05 Aug 2020 11:14

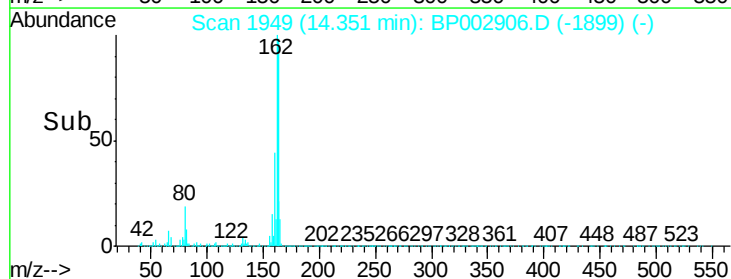
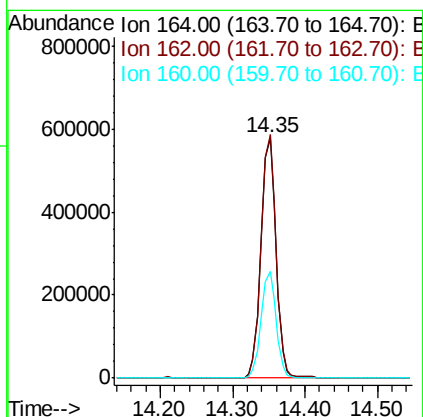
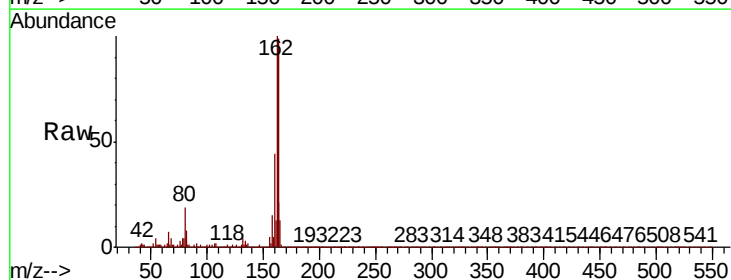
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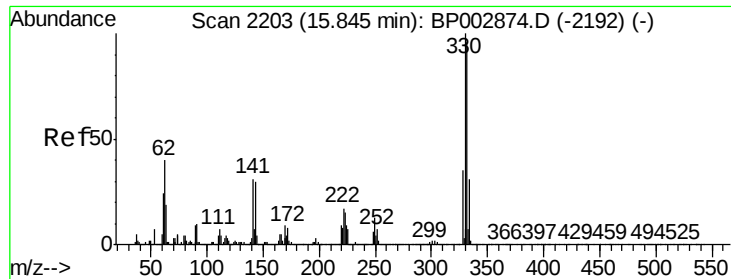
Tot Ion	Ratio	Lower	Upper
122	100		
105	110.5	103.4	143.4
77	97.8	74.6	114.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002906.D
Acq: 05 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.0	121.6
160	44.6	36.2	54.4

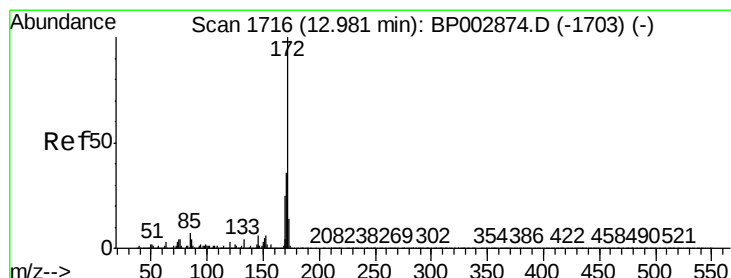
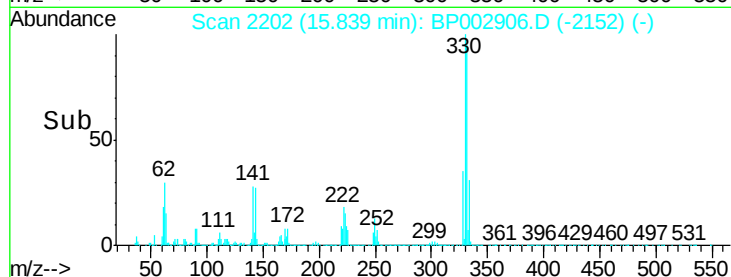
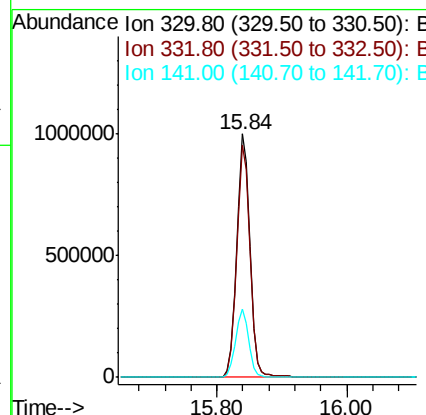
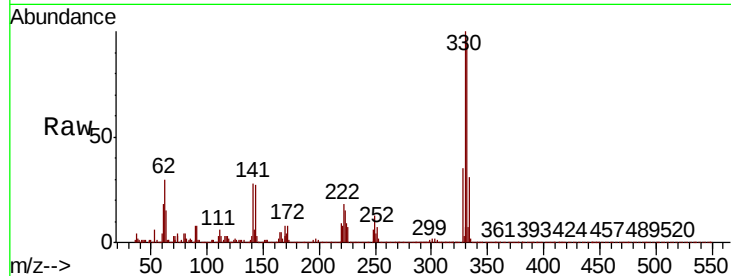




#42
2,4,6-Tribromophenol
Concen: 134.370 ng
RT: 15.84 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP002906.D
Acq: 05 Aug 2020 11:14

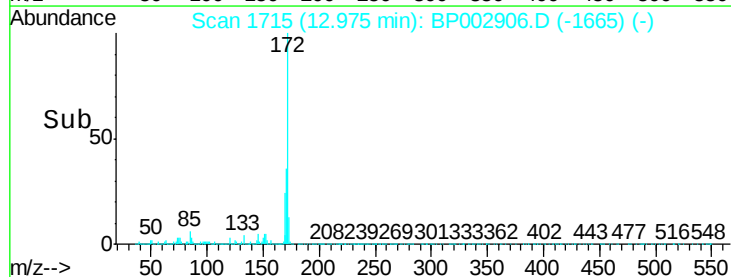
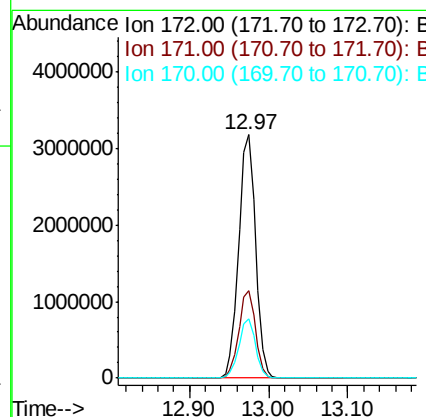
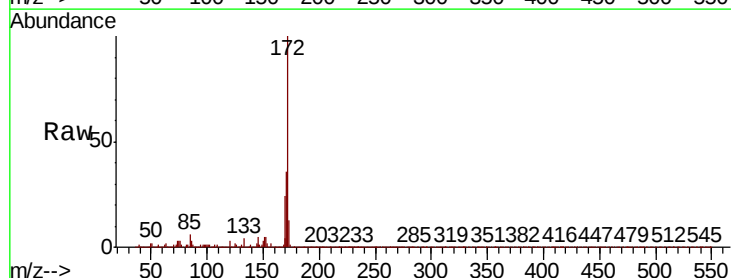
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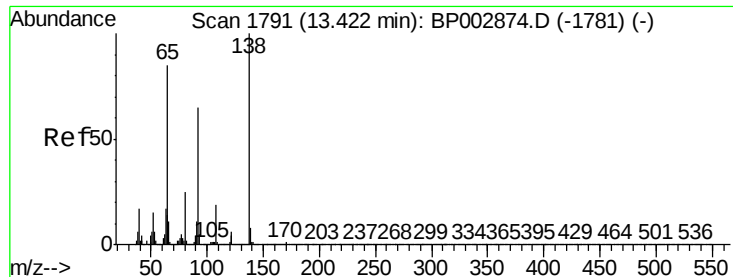
Tot Ion:330 Resp: 1405442
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 28.0 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 76.711 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002906.D
Acq: 05 Aug 2020 11:14

Tgt Ion:172 Resp: 4724926
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 24.1 19.6 29.4

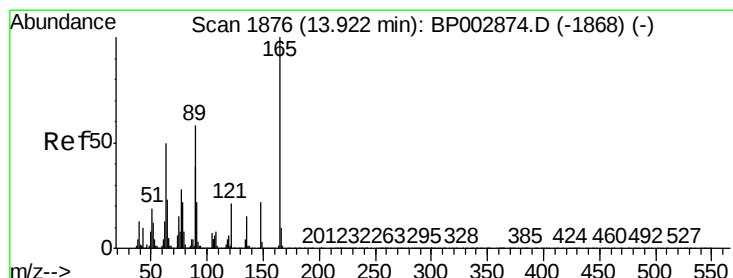
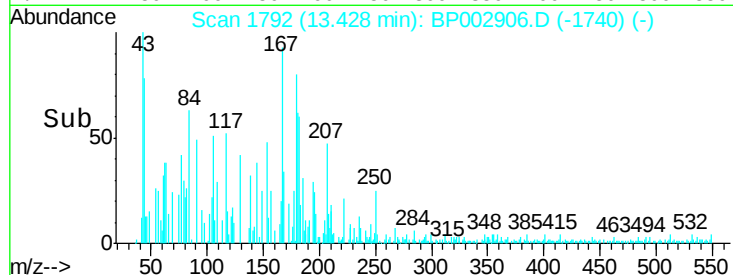
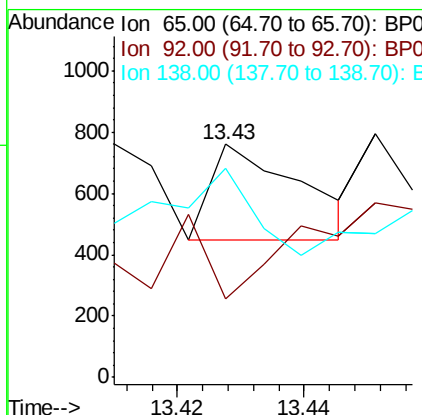
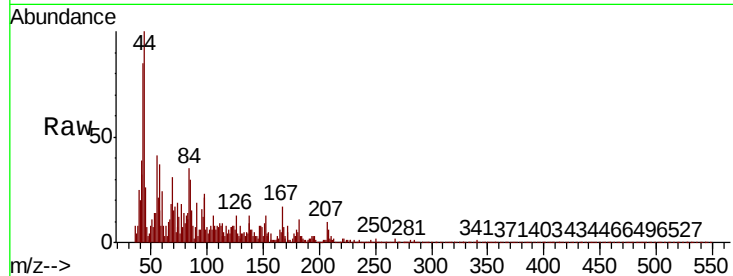




#48
2-Nitroaniline
Concen: 3.992 ng
RT: 13.43 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BP002906.D
Acq: 05 Aug 2020 11:14

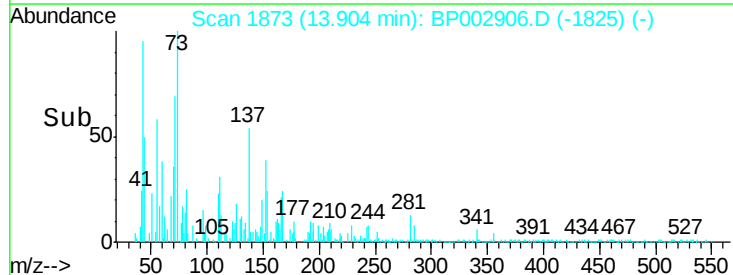
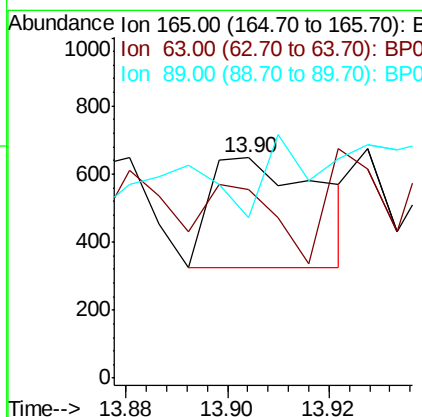
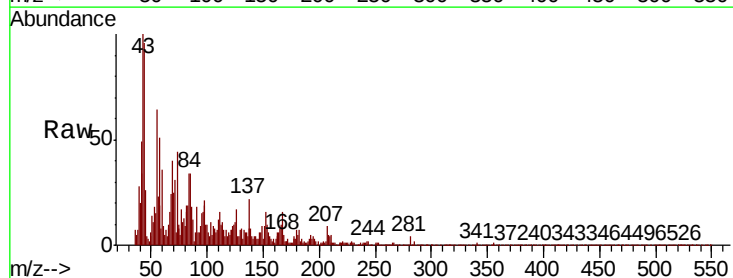
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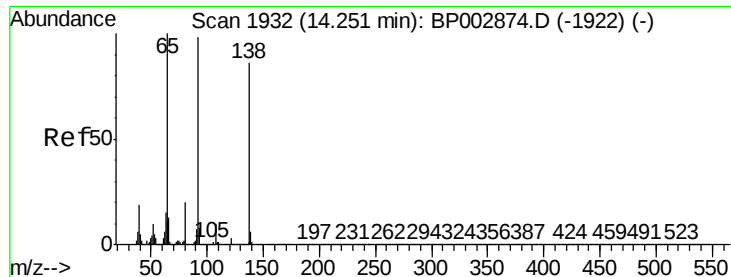
Tot Ion: 65 Resp: 305
Ion Ratio Lower Upper
65 100
92 33.6 61.4 92.0#
138 89.6 94.2 141.4#



#51
2,6-Dinitrotoluene
Concen: 2.930 ng
RT: 13.90 min Scan# 1873
Delta R.T. -0.02 min
Lab File: BP002906.D
Acq: 05 Aug 2020 11:14

Tgt Ion: 165 Resp: 482
Ion Ratio Lower Upper
165 100
63 85.8 40.3 60.5#
89 72.8 46.5 69.7#

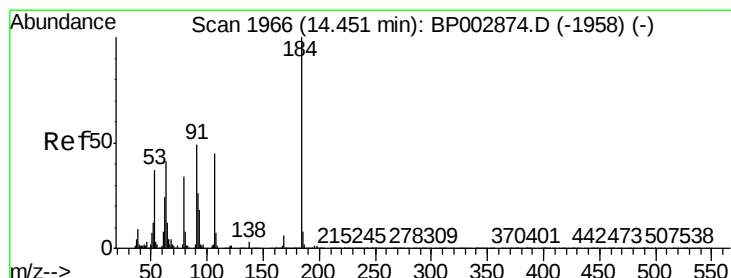
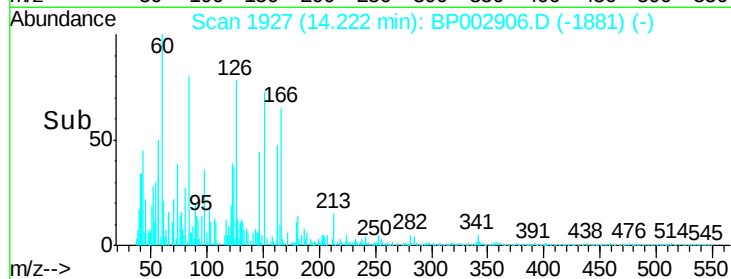
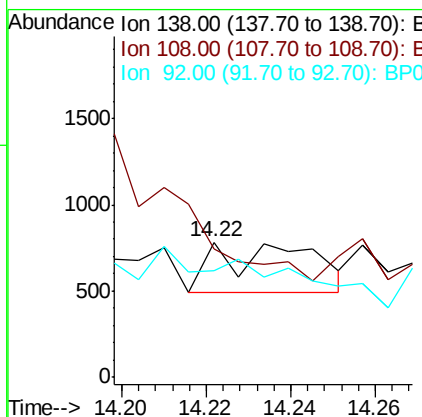
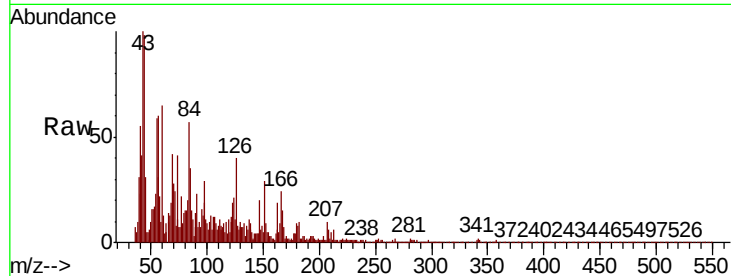




#53
3-Nitroaniline
Concen: 3.301 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.03 min
Lab File: BP002906.D
Acq: 05 Aug 2020 11:14

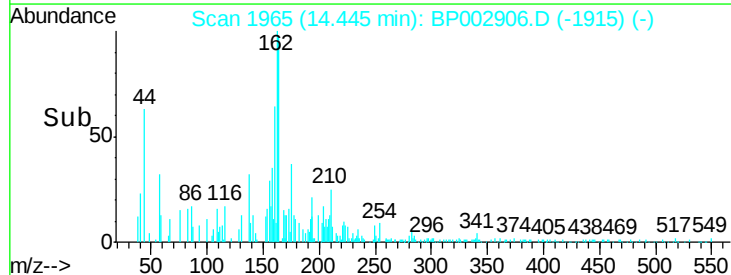
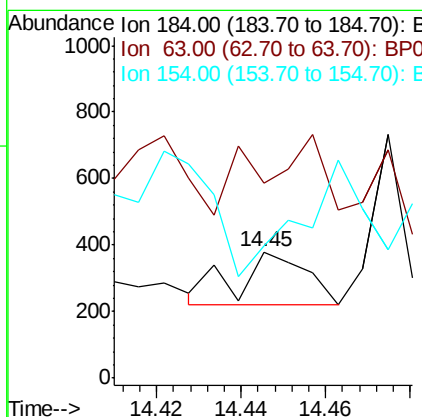
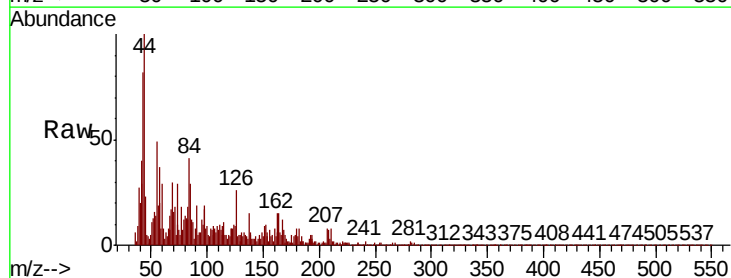
Instrument :
BNA_P
ClientSampleId :
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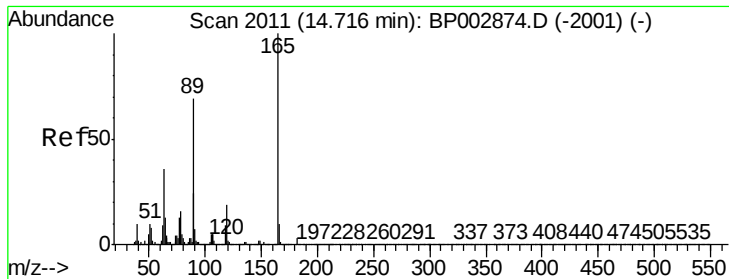
Tot Ion:138 Resp: 456
Ion Ratio Lower Upper
138 100
108 94.9 9.4 14.0#
92 79.1 91.0 136.6#



#54
2,4-Dinitrophenol
Concen: 8.084 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BP002906.D
Acq: 05 Aug 2020 11:14

Tgt Ion:184 Resp: 184
Ion Ratio Lower Upper
184 100
63 154.7 50.3 75.5#
154 105.0 50.6 76.0#

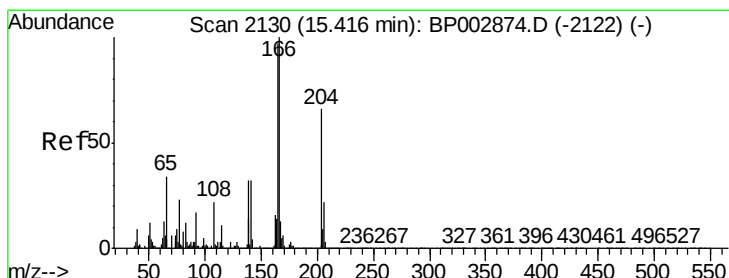
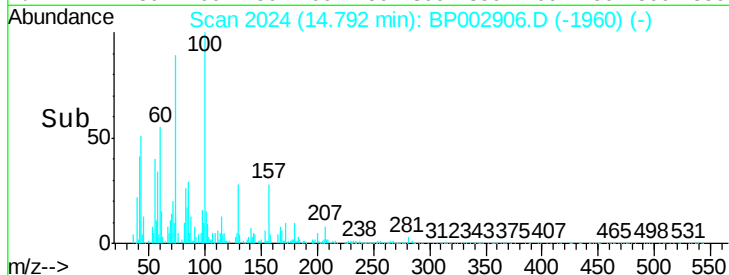
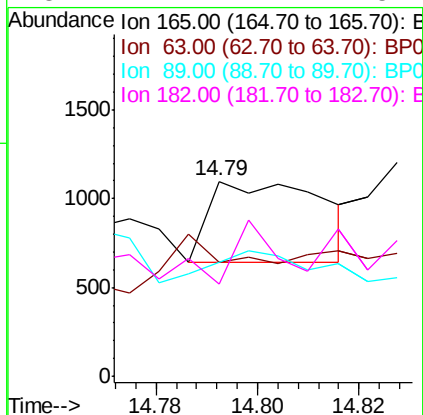
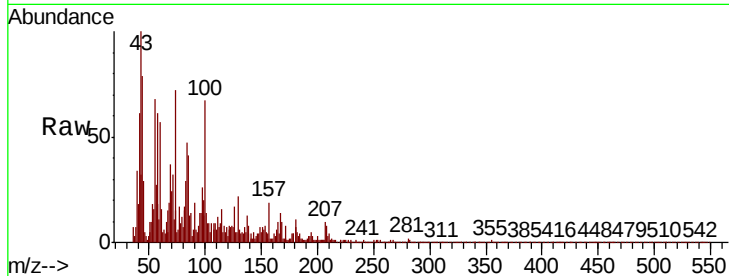




#57
 2,4-Dinitrotoluene
 Concen: 3.839 ng
 RT: 14.79 min Scan# 2024
 Delta R.T. 0.08 min
 Lab File: BP002906.D
 Acq: 05 Aug 2020 11:14

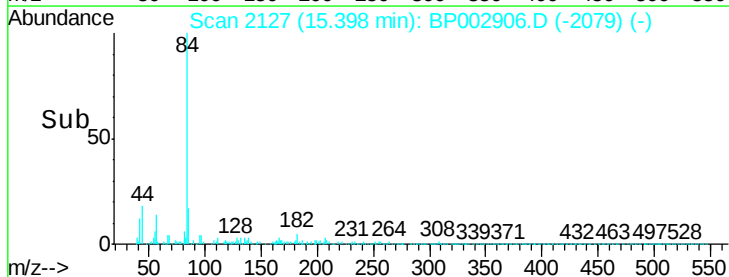
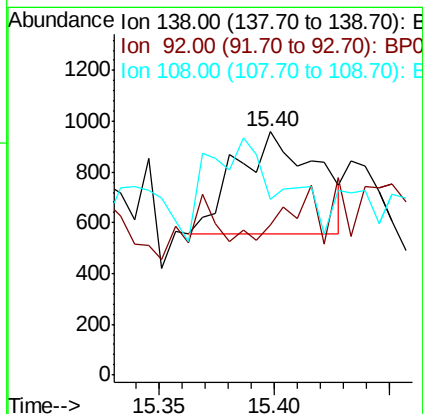
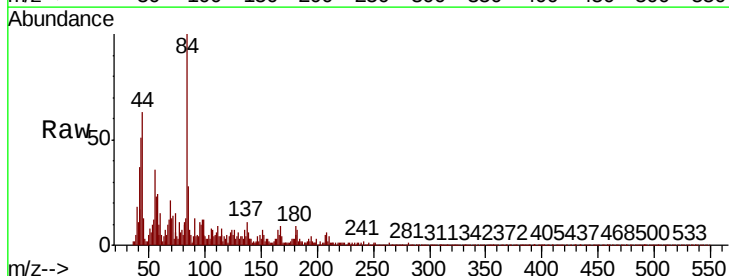
Instrument :
 BNA_P
 ClientSampleId :
 SVOC-FIELD-BLANK

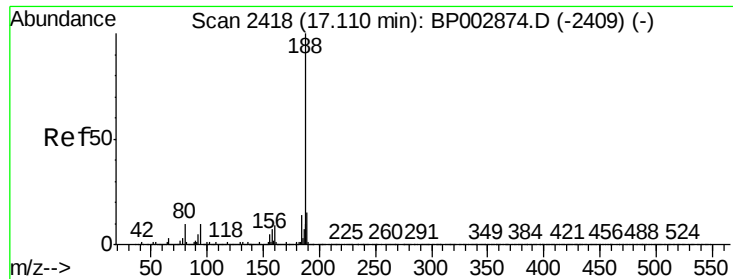
Tot Ion:165	Resp:	708
Ion Ratio	Lower	Upper
165 100		
63 58.2	29.0	43.4#
89 58.7	55.5	83.3
182 47.4	2.2	3.4#



#62
 4-Nitroaniline
 Concen: 2.476 ng
 RT: 15.40 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BP002906.D
 Acq: 05 Aug 2020 11:14

Tgt	Ion:138	Resp:	962
Ion	Ratio	Lower	Upper
138	100		
92	61.7	32.2	72.2
108	72.3	50.0	90.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BP002906.D

Acq: 05 Aug 2020 11:14

Instrument :

BNA_P

ClientSampleId :

SVOC-FIELD-BLANK

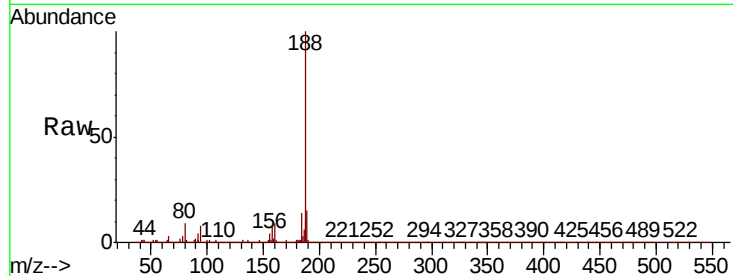
Tot Ion:188 Resp: 1803617

Ion Ratio Lower Upper

188 100

94 8.2 7.8 11.6

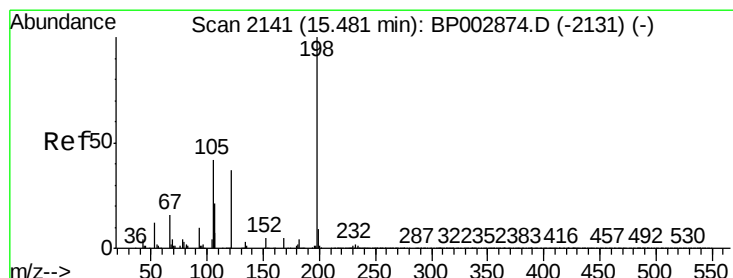
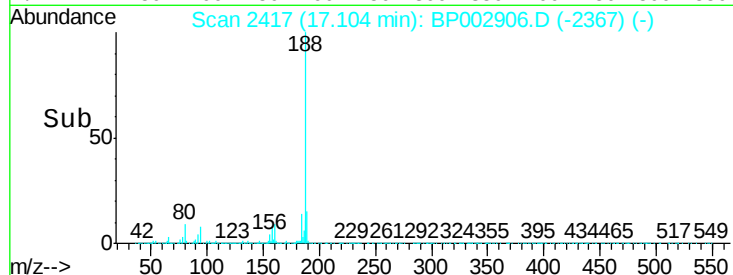
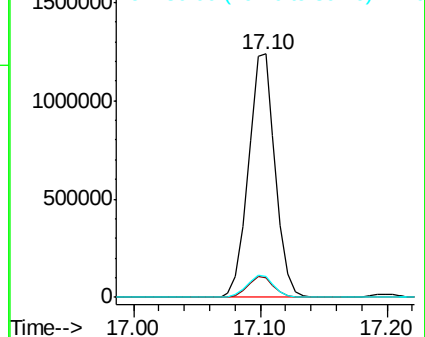
80 8.6 8.0 12.0



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.919 ng

RT: 15.46 min Scan# 2137

Delta R.T. -0.02 min

Lab File: BP002906.D

Acq: 05 Aug 2020 11:14

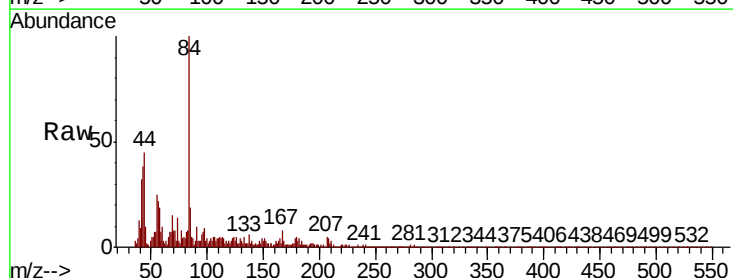
Tgt Ion:198 Resp: 201

Ion Ratio Lower Upper

198 100

51 389.8 11.6 51.6#

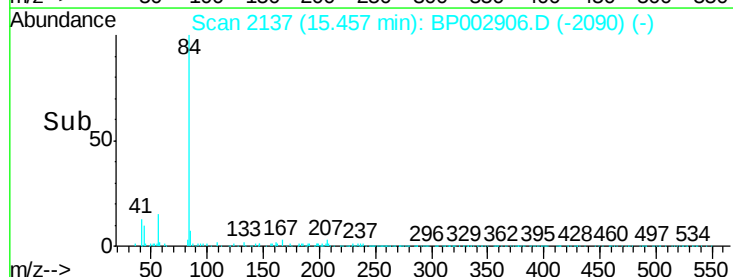
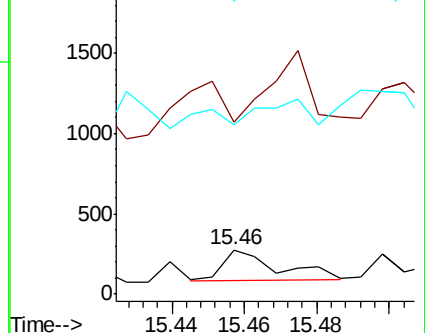
105 385.1 23.8 63.8#

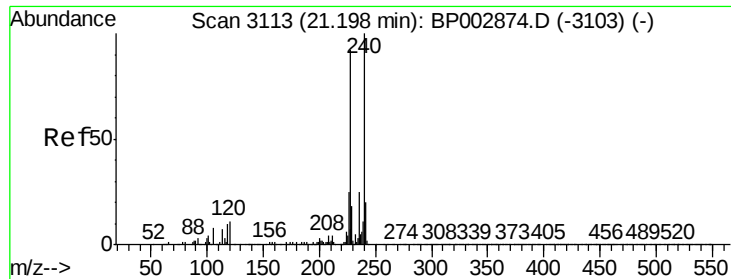


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

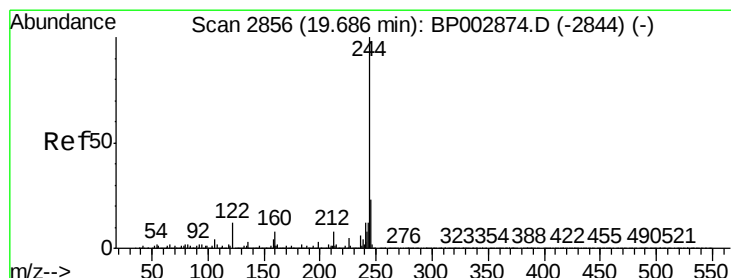
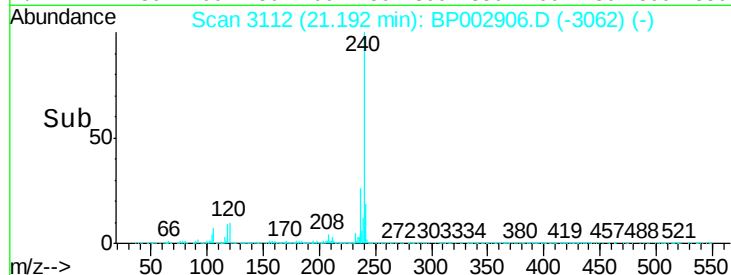
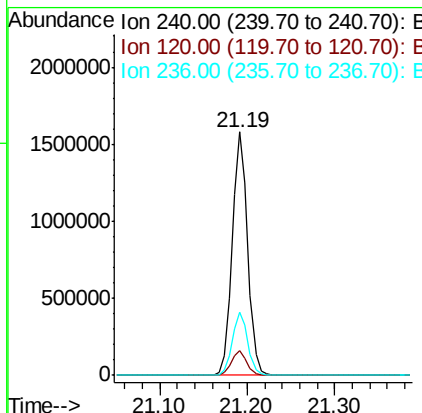
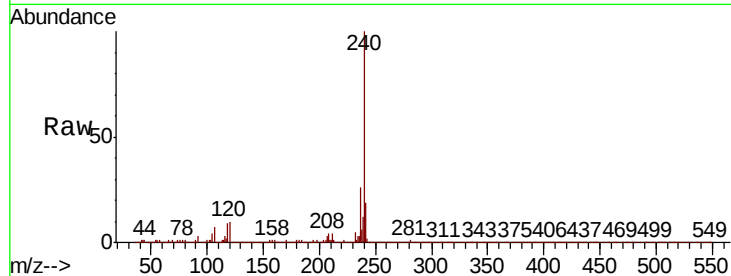




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.19 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BP002906.D
 Acq: 05 Aug 2020 11:14

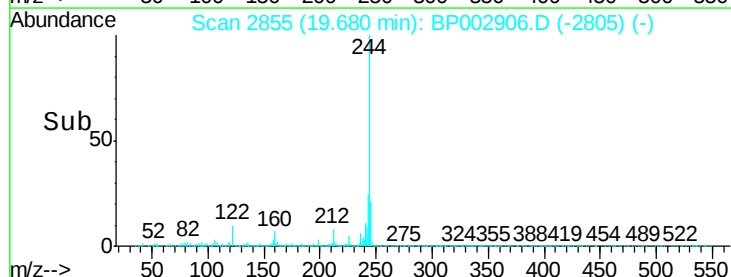
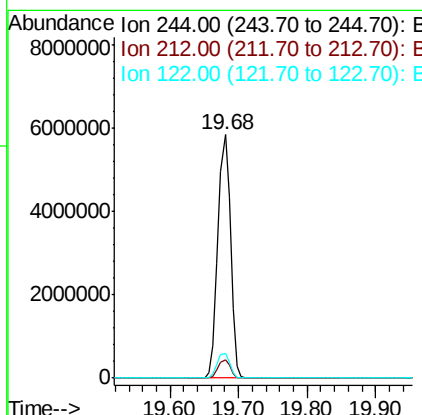
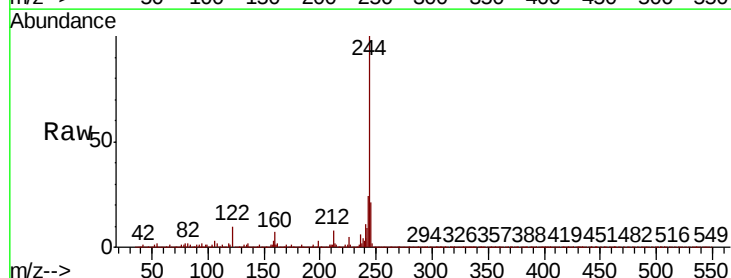
Instrument :
 BNA_P
 ClientSampleId :
 SVOC-FIELD-BLANK

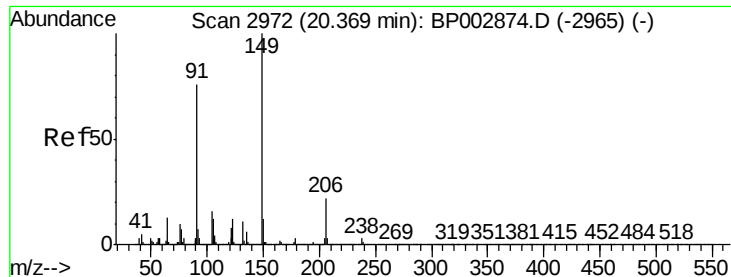
Tot Ion:240 Resp: 1898540
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.9 13.3
 236 25.9 20.3 30.5



#79
 Terphenyl-d14
 Concen: 77.656 ng
 RT: 19.68 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BP002906.D
 Acq: 05 Aug 2020 11:14

Tgt Ion:244 Resp: 7364445
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 10.4 9.4 14.2

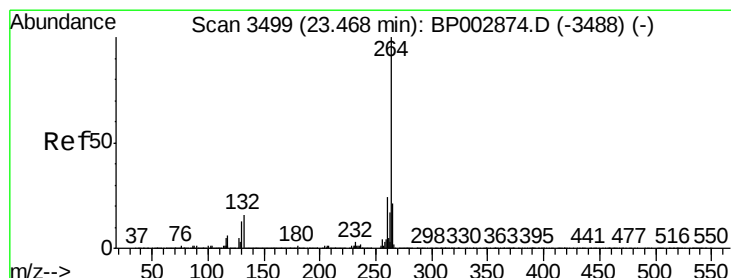
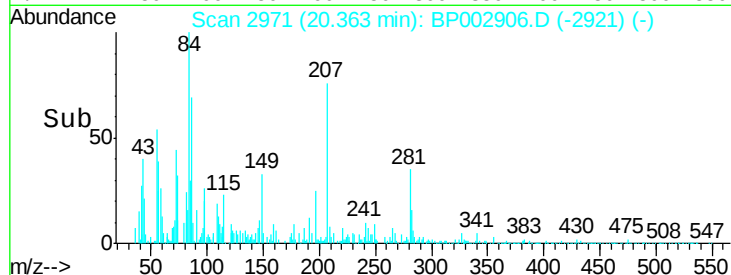
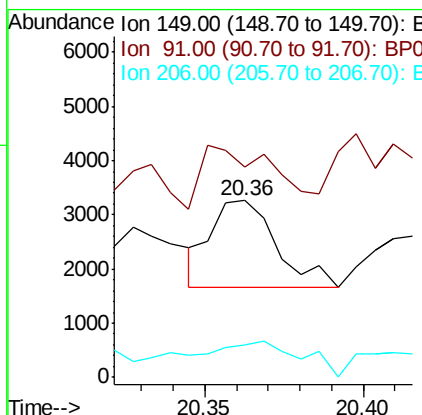
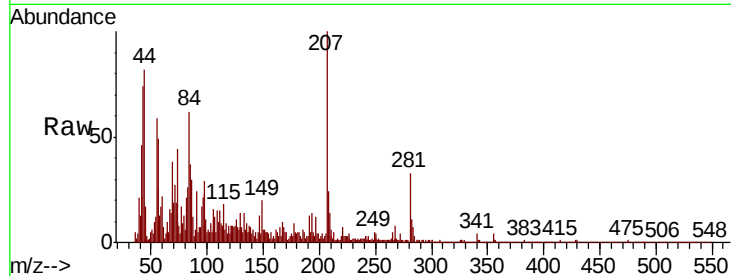




#80
Butylbenzylphthalate
Concen: 3.098 ng
RT: 20.36 min Scan# 2971
Delta R.T. -0.01 min
Lab File: BP002906.D
Acq: 05 Aug 2020 11:14

Instrument :
BNA_P
ClientSampleId :
SVOC-FIELD-BLANK

Tot Ion:149 Resp: 2287
Ion Ratio Lower Upper
149 100
91 119.4 60.5 90.7#
206 18.6 17.5 26.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BP002906.D
Acq: 05 Aug 2020 11:14

Tgt Ion:264 Resp: 1929343
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.3 17.0 25.4

