

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002899.D
 Acq On : 31 Jul 2020 18:50
 Operator : CG/JU
 Sample : L3518-28
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-9

Quant Time: Jul 31 23:20:01 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	552381	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	2126795	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1230365	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2558556	20.00	ng	0.00
76) Chrysene-d12	21.19	240	2198314	20.00	ng	0.00
86) Perylene-d12	23.46	264	1875411	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	3971314	110.03	ng	0.00
7) Phenol-d6	6.89	99	4461425	89.04	ng	0.00
23) Nitrobenzene-d5	8.86	82	3484882	88.75	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	2048612	133.97	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	7059926	78.40	ng	0.00
79) Terphenyl-d14	19.68	244	9575854	87.21	ng	0.00

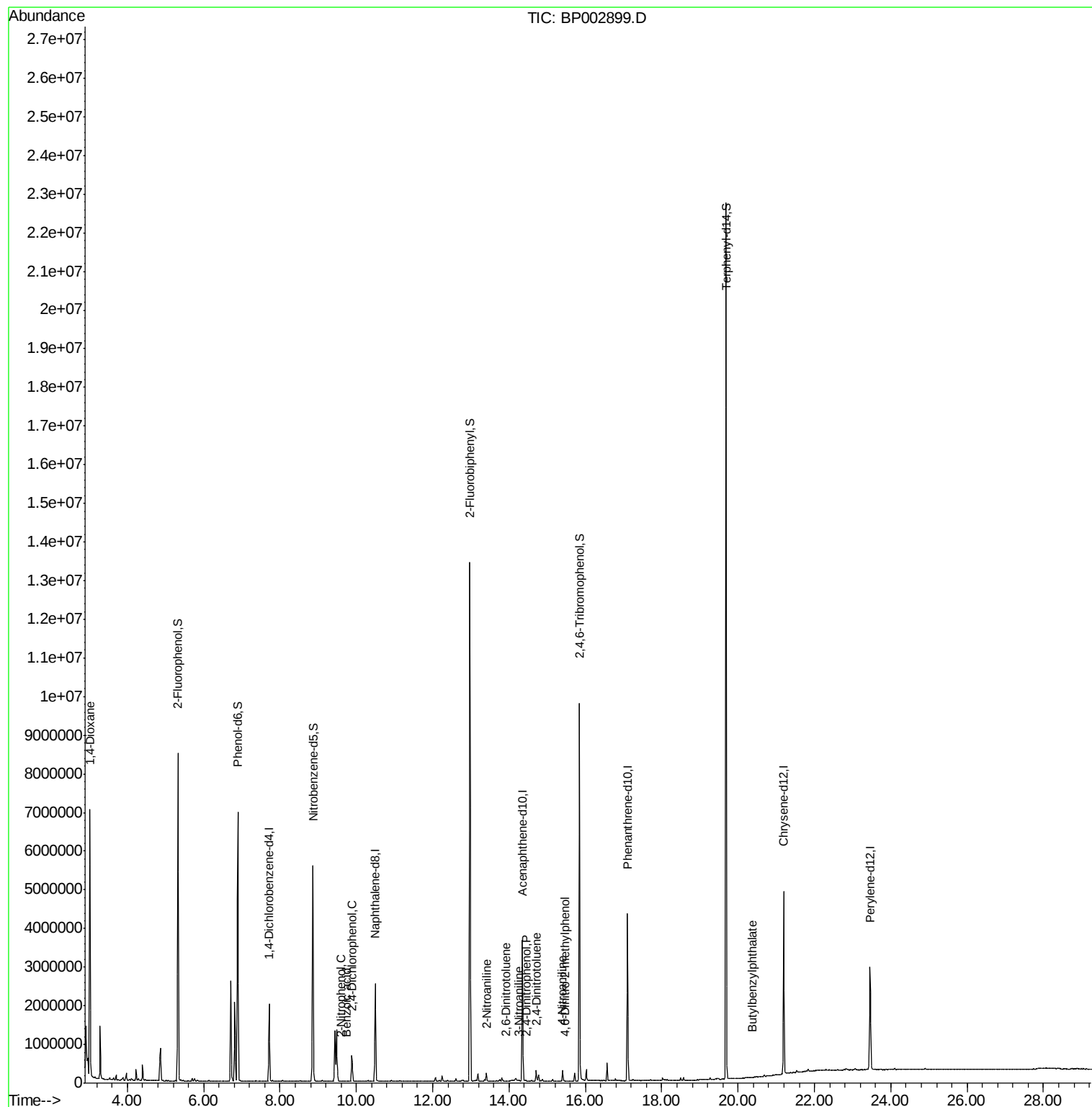
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.02	88	67578	4.362	ng	# 1
26) 2-Nitrophenol	9.60	139	39	4.522	ng	# 1
29) 2,4-Dichlorophenol	9.89	162	77678	2.197	ng	# 41
32) Benzoic acid	9.75	122	5134	7.904	ng	# 83
48) 2-Nitroaniline	13.40	65	5822	4.240	ng	# 6
51) 2,6-Dinitrotoluene	13.90	165	405	2.917	ng	# 63
53) 3-Nitroaniline	14.26	138	129	3.279	ng	# 47
54) 2,4-Dinitrophenol	14.45	184	79	8.065	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	12967	4.223	ng	# 56
62) 4-Nitroaniline	15.40	138	1912	2.497	ng	# 42
65) 4,6-Dinitro-2-methylphenol	15.47	198	76	6.905	ng	# 1
80) Butylbenzylphthalate	20.36	149	996	3.073	ng	# 47

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

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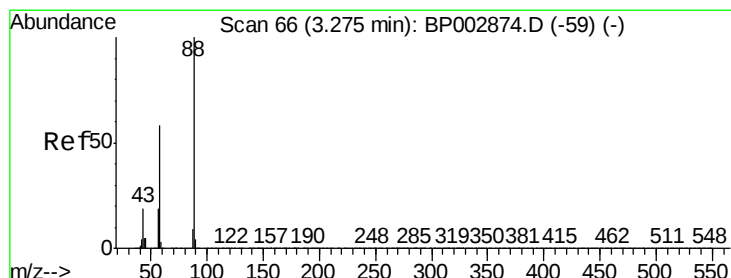
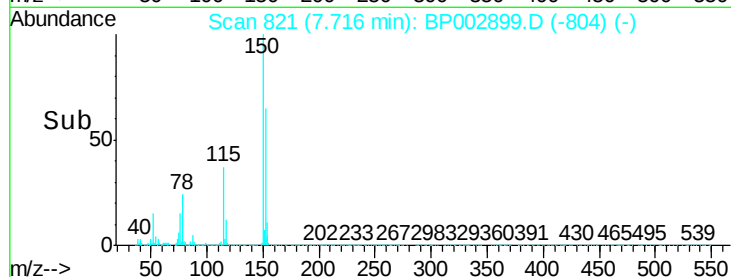
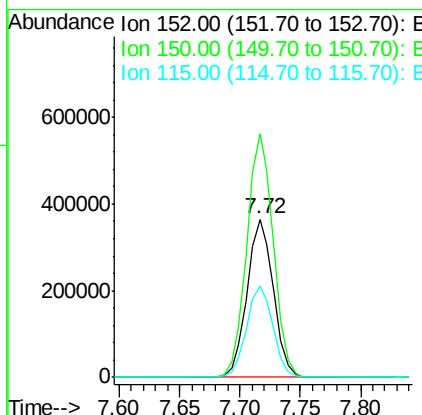
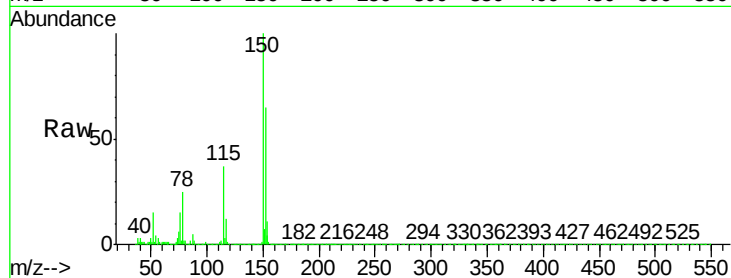


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP002899.D
Acq: 31 Jul 2020 18:50

Instrument :
BNA_P
ClientSampleId :
TP-9

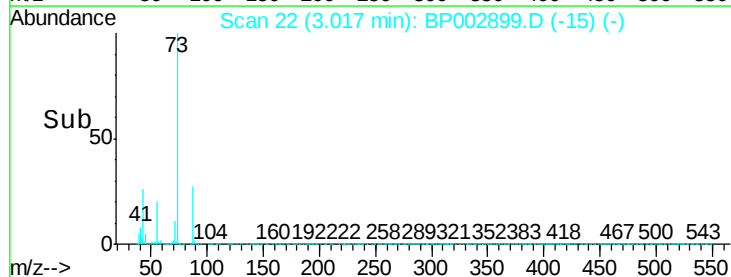
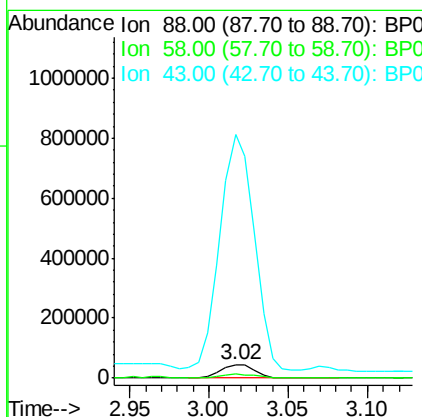
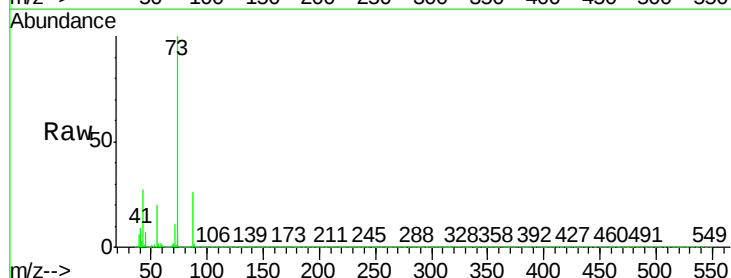
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.8	187.2
115	57.5	47.4	71.2

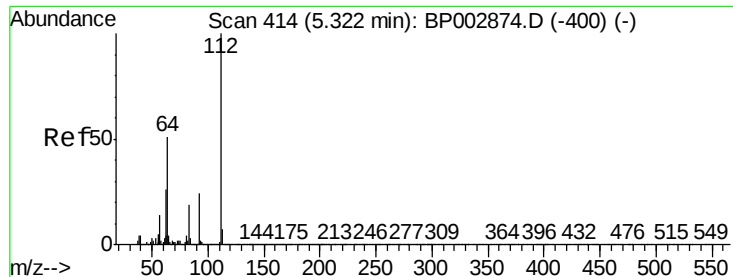


#2

1,4-Dioxane
Concen: 4.362 ng
RT: 3.02 min Scan# 22
Delta R.T. -0.26 min
Lab File: BP002899.D
Acq: 31 Jul 2020 18:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	23.6	47.4	71.0#
43	1734.8	15.2	22.8#





#5

2-Fluorophenol

Concen: 110.034 ng

RT: 5.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BP002899.D

Acq: 31 Jul 2020 18:50

Instrument :

BNA_P

ClientSampleId :

TP-9

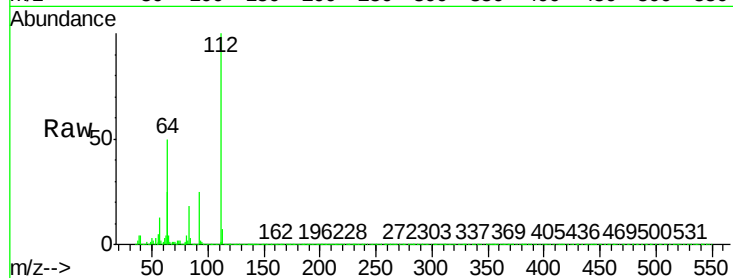
Tot Ion:112 Resp: 3971314

Ion Ratio Lower Upper

112 100

64 49.8 41.0 61.6

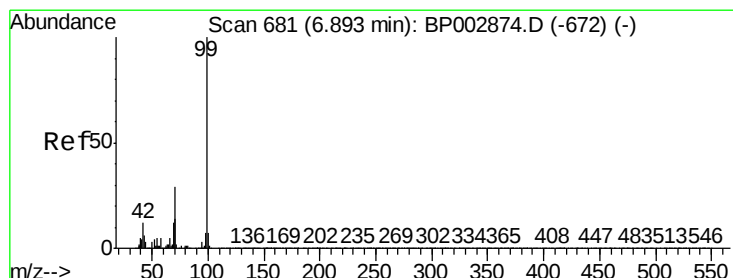
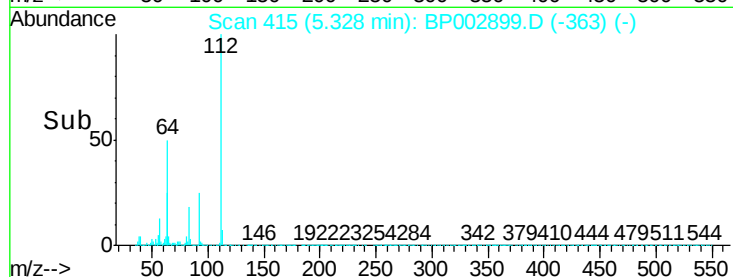
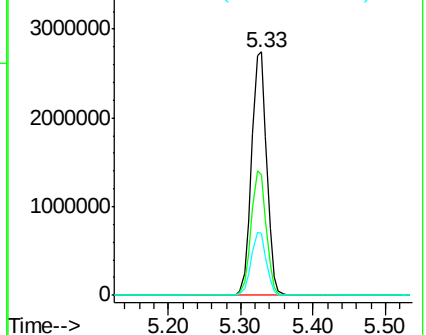
63 25.1 20.7 31.1



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: 89.035 ng

RT: 6.89 min Scan# 681

Delta R.T. 0.00 min

Lab File: BP002899.D

Acq: 31 Jul 2020 18:50

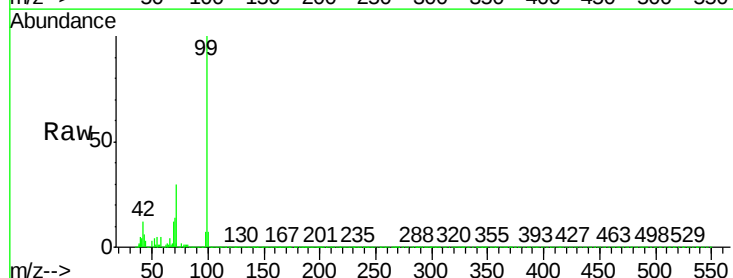
Tgt Ion: 99 Resp: 4461425

Ion Ratio Lower Upper

99 100

42 11.7 9.3 13.9

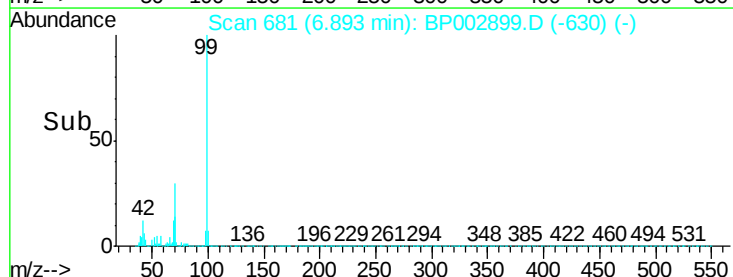
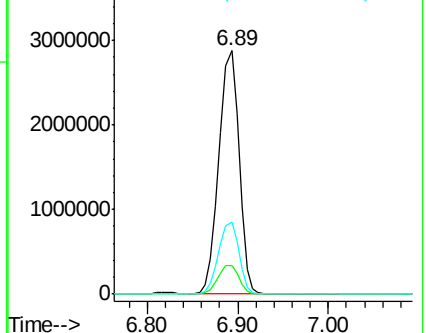
71 29.7 23.5 35.3

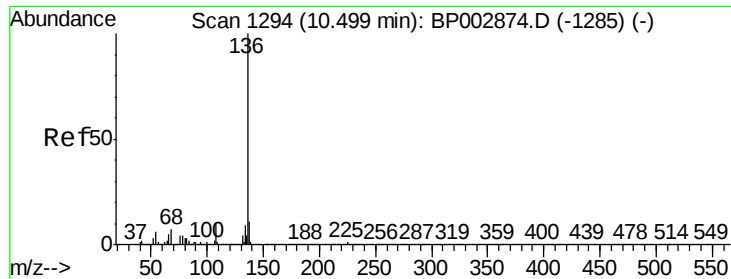


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

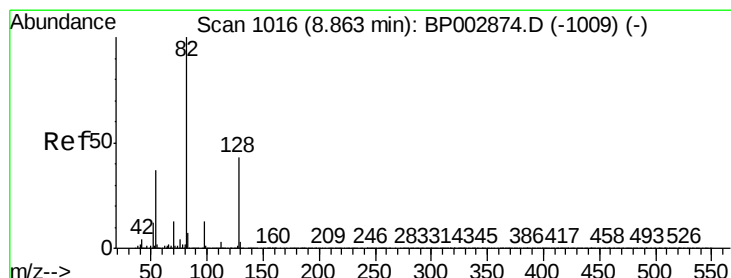
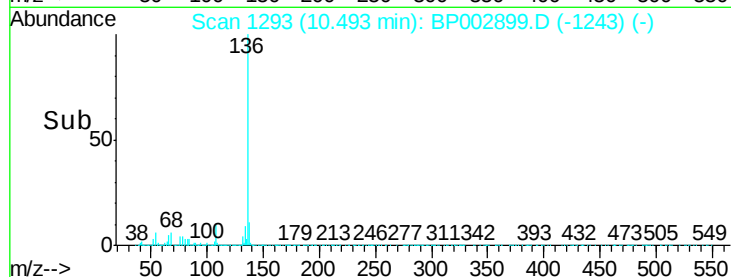
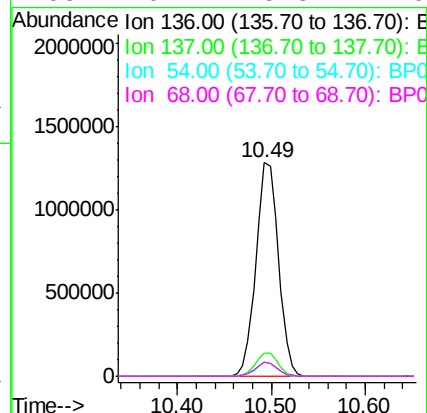
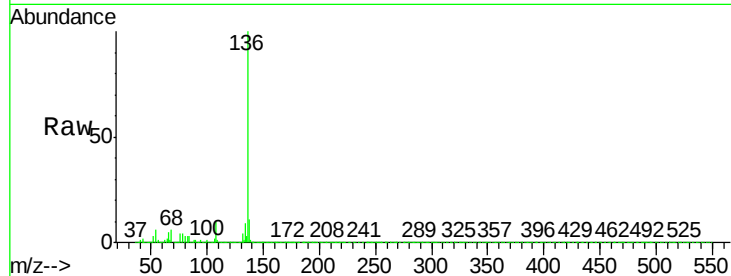




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP002899.D
Acq: 31 Jul 2020 18:50

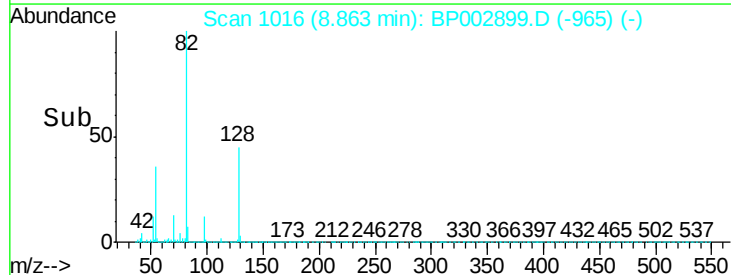
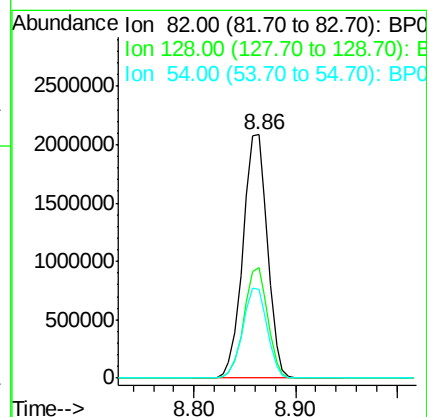
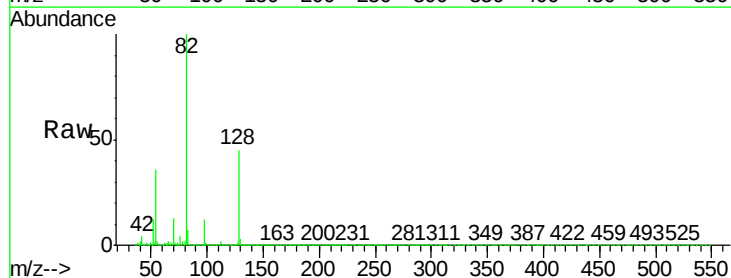
Instrument :
BNA_P
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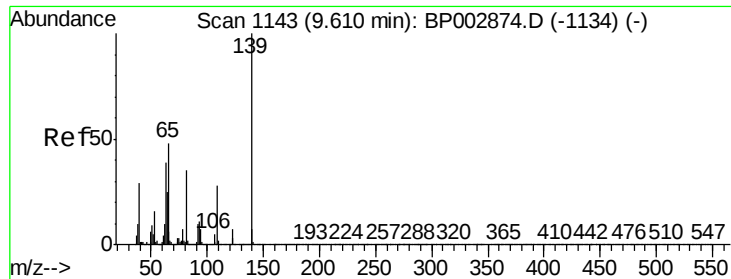
Tot Ion:136	Resp: 2126795
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 6.5	5.1 7.7
68 6.4	5.3 7.9



#23
Nitrobenzene-d5
Concen: 88.748 ng
RT: 8.86 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BP002899.D
Acq: 31 Jul 2020 18:50

Tgt Ion: 82	Resp: 3484882
Ion Ratio	Lower Upper
82 100	
128 45.5	34.6 52.0
54 36.4	29.5 44.3

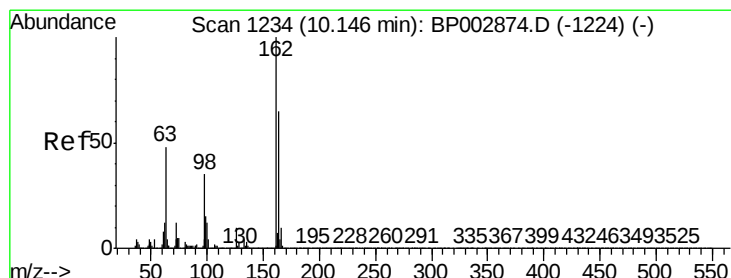
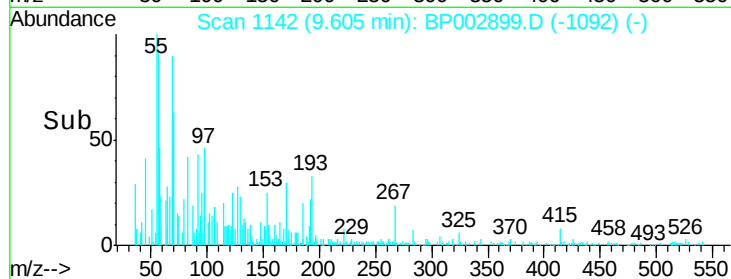
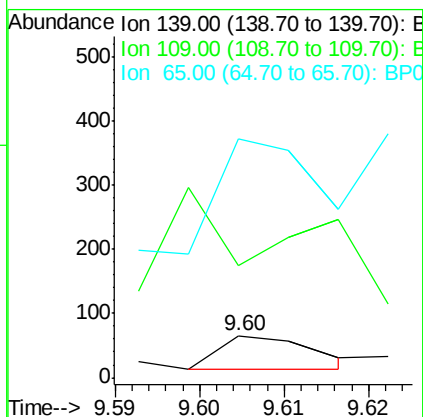
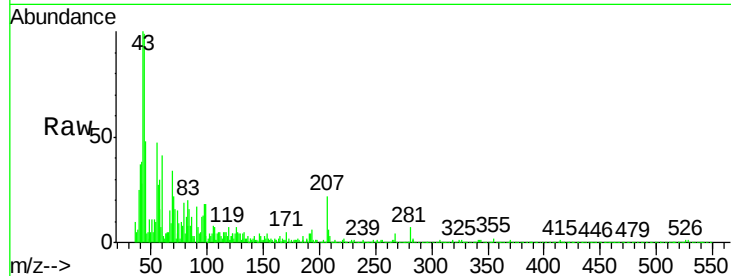




#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.60 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BP002899.D
Acq: 31 Jul 2020 18:50

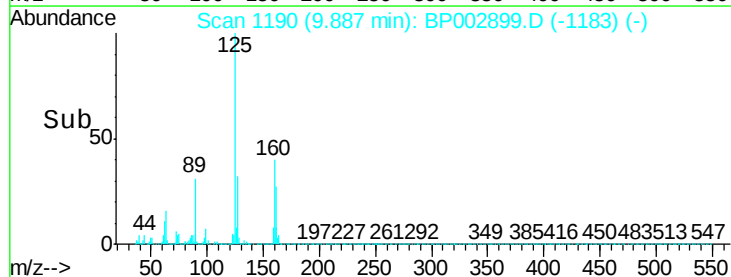
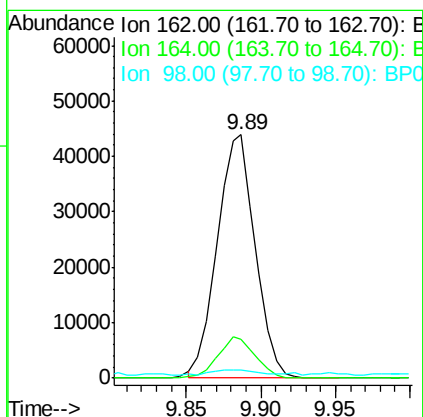
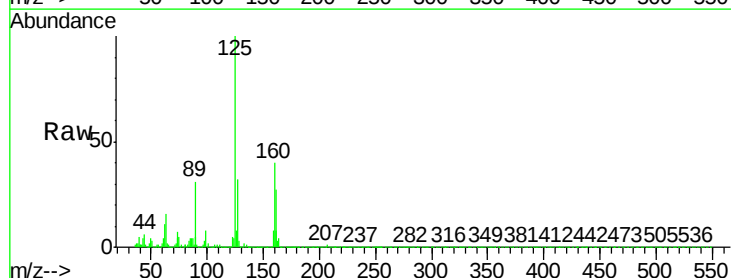
Instrument :
BNA_P
ClientSampleId :
TP-9

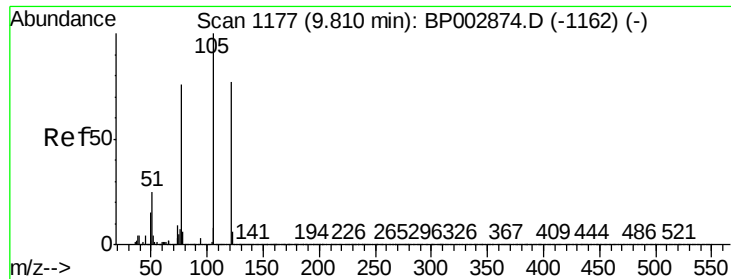
Tot Ion	Ratio	Lower	Upper
139	100		
109	267.7	22.2	33.2#
65	573.8	38.9	58.3#



#29
2,4-Dichlorophenol
Concen: 2.197 ng
RT: 9.89 min Scan# 1190
Delta R.T. -0.26 min
Lab File: BP002899.D
Acq: 31 Jul 2020 18:50

Tgt Ion	Ratio	Lower	Upper
162	100		
164	15.9	44.5	84.5#
98	3.4	15.3	55.3#

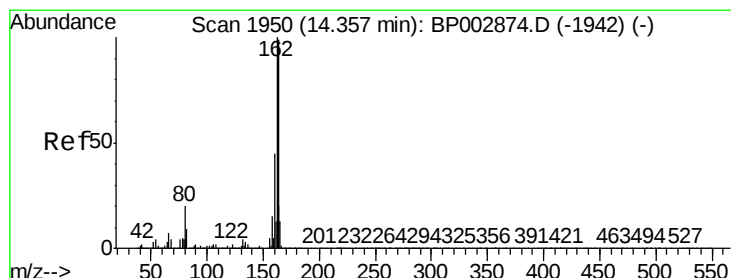
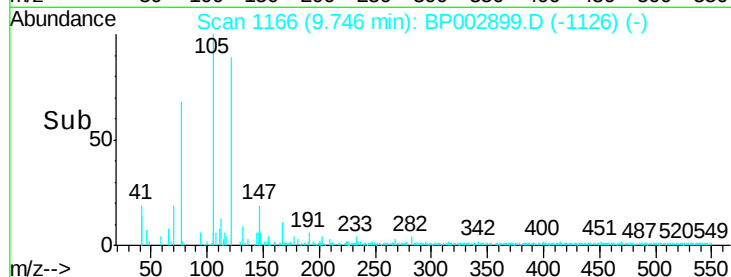
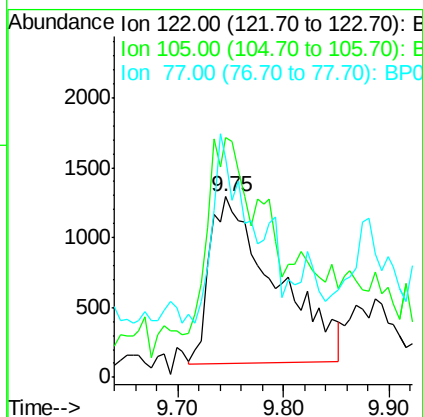
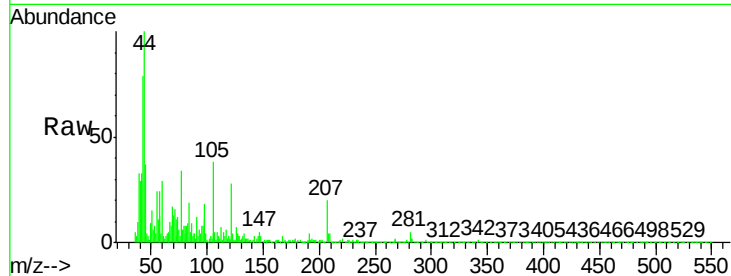




#32
Benzoic acid
Concen: 7.904 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.06 min
Lab File: BP002899.D
Acq: 31 Jul 2020 18:50

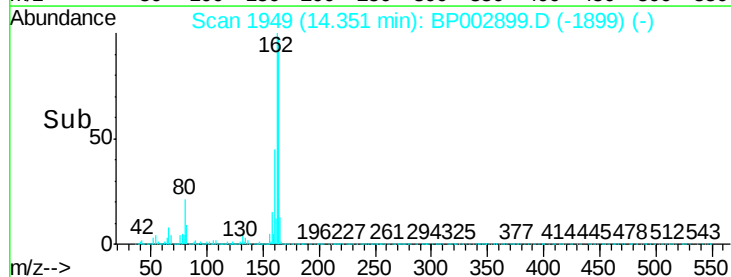
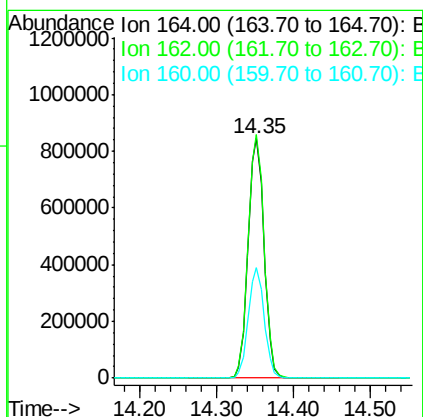
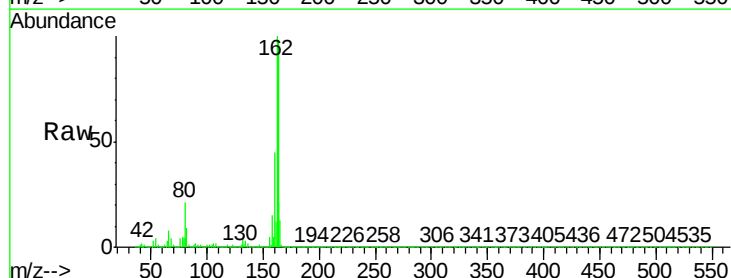
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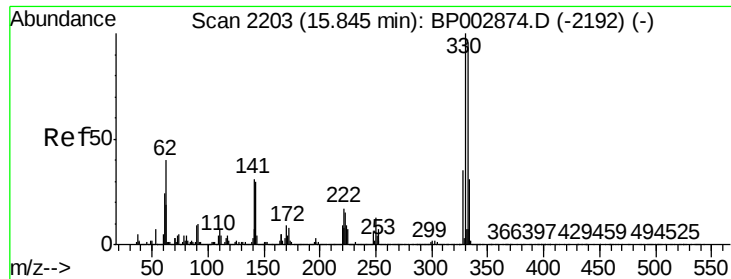
Tot Ion:122 Resp: 5134
Ion Ratio Lower Upper
122 100
105 132.9 103.4 143.4
77 121.0 74.6 114.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002899.D
Acq: 31 Jul 2020 18:50

Tgt Ion:164 Resp: 1230365
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.6
160 45.9 36.2 54.4

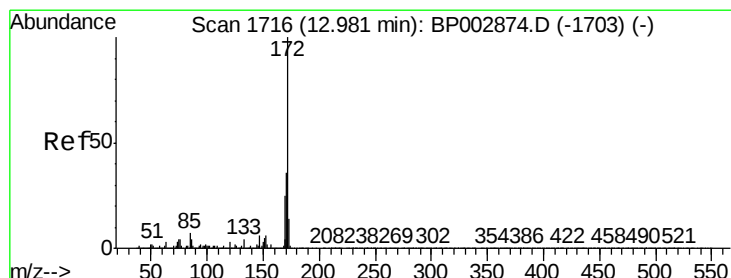
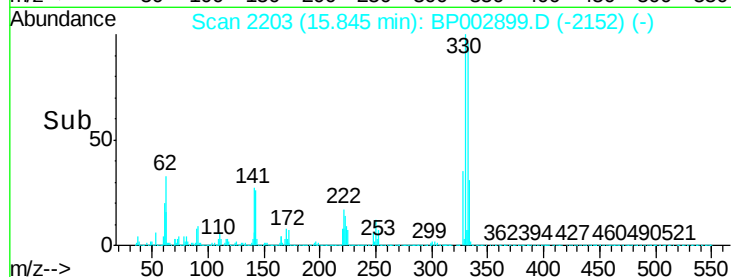
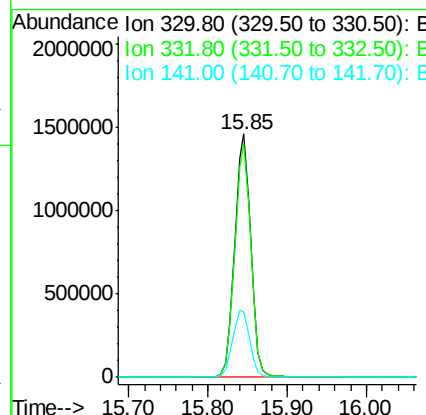
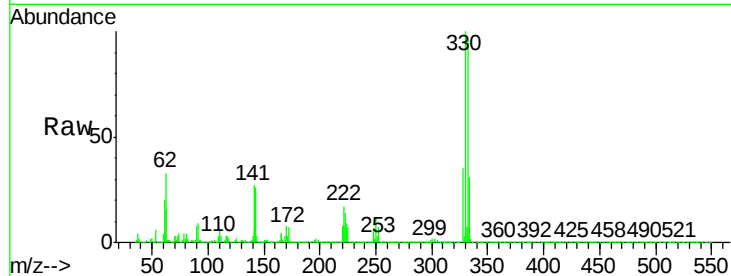




#42
 2,4,6-Tribromophenol
 Concen: 133.966 ng
 RT: 15.85 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BP002899.D
 Acq: 31 Jul 2020 18:50

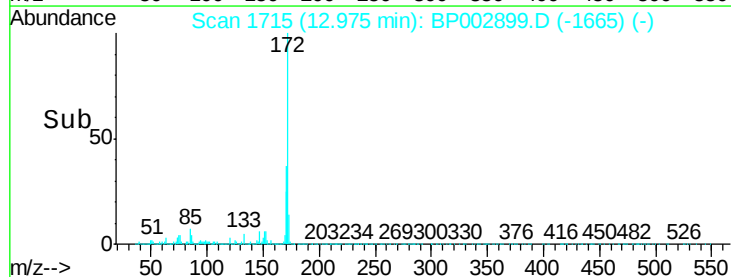
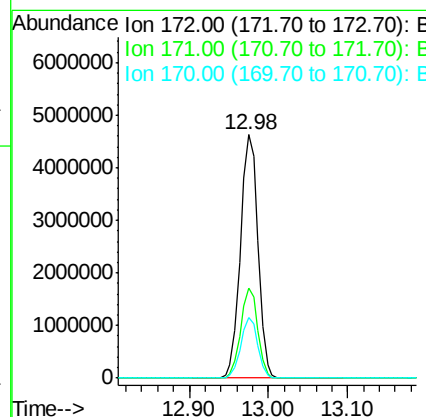
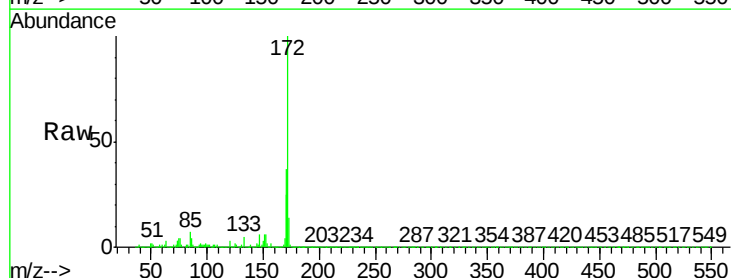
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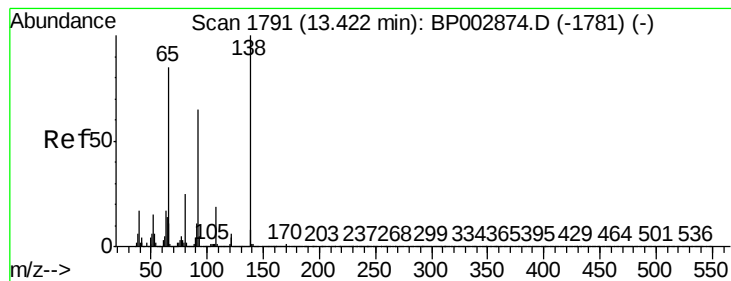
Tot Ion:330 Resp: 2048612
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 29.7 24.6 37.0



#45
 2-Fluorobiphenyl
 Concen: 78.399 ng
 RT: 12.98 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BP002899.D
 Acq: 31 Jul 2020 18:50

Tgt Ion:172 Resp: 7059926
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.1 43.7
 170 24.7 19.6 29.4





#48

2-Nitroaniline

Concen: 4.240 ng

RT: 13.40 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BP002899.D

Acq: 31 Jul 2020 18:50

Instrument :

BNA_P

ClientSampled :

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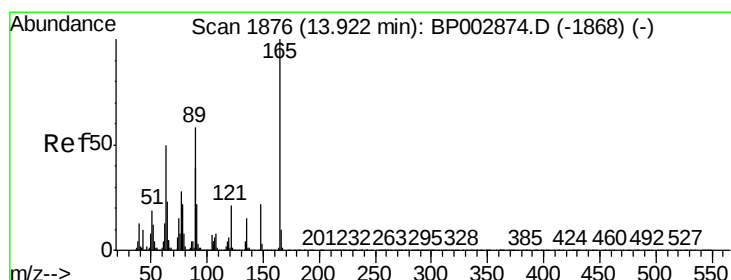
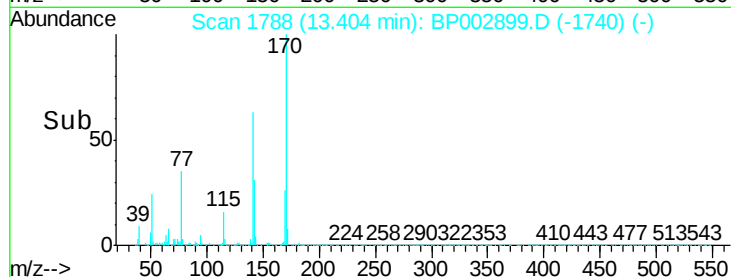
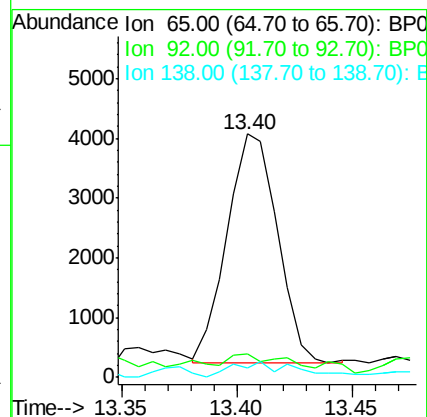
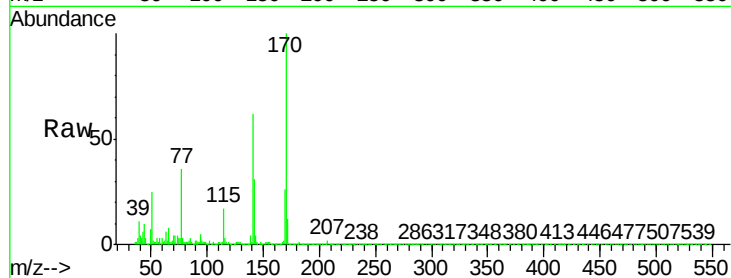
Tot Ion: 65 Resp: 5822

Ion Ratio Lower Upper

65 100

92 9.5 61.4 92.0#

138 3.8 94.2 141.4#



#51

2,6-Dinitrotoluene

Concen: 2.917 ng

RT: 13.90 min Scan# 1873

Delta R.T. -0.02 min

Lab File: BP002899.D

Acq: 31 Jul 2020 18:50

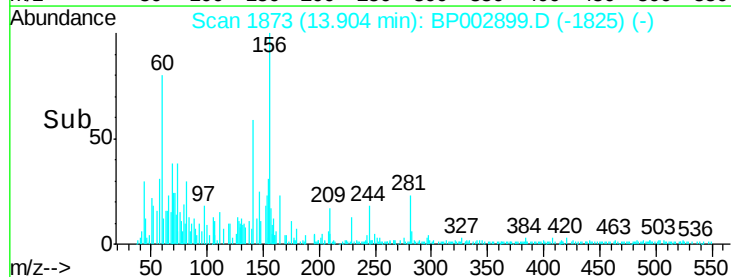
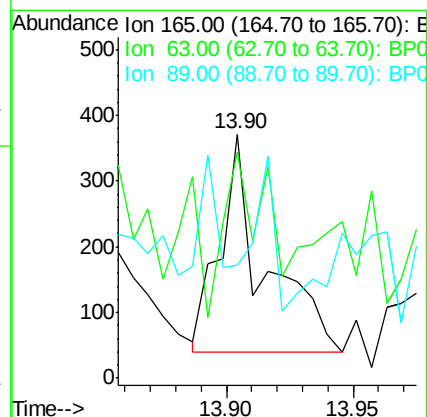
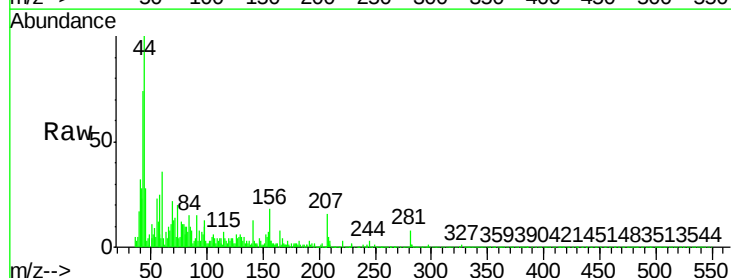
Tgt Ion: 165 Resp: 405

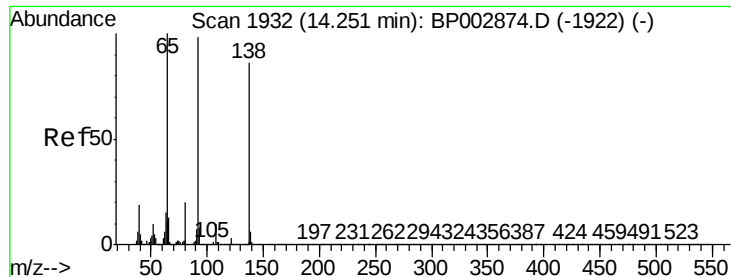
Ion Ratio Lower Upper

165 100

63 92.7 40.3 60.5#

89 46.6 46.5 69.7





#53

3-Nitroaniline

Concen: 3.279 ng

RT: 14.26 min Scan# 1933

Delta R.T. 0.01 min

Lab File: BP002899.D

Acq: 31 Jul 2020 18:50

Instrument :

BNA_P

ClientSampleId :

TP-9

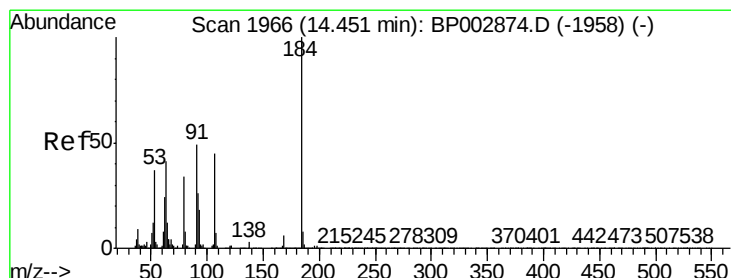
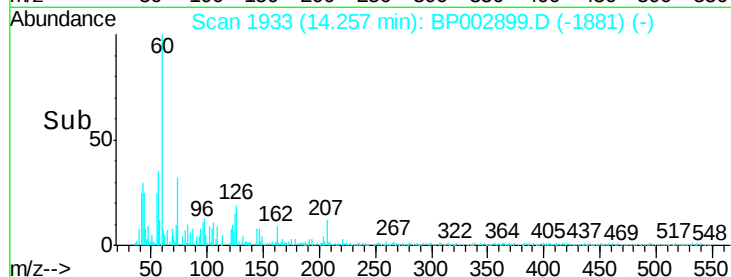
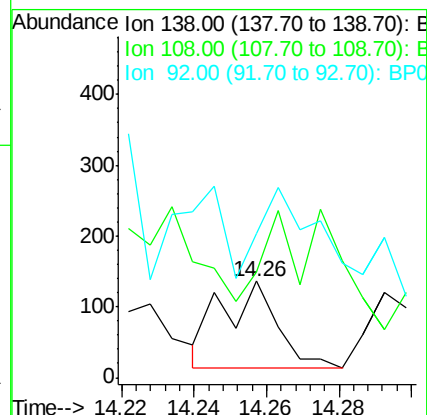
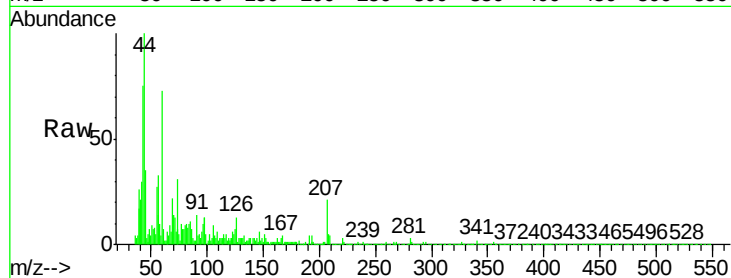
Tot Ion:138 Resp: 129

Ion Ratio Lower Upper

138 100

108 109.6 9.4 14.0#

92 149.3 91.0 136.6#



#54

2,4-Dinitrophenol

Concen: 8.065 ng

RT: 14.45 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BP002899.D

Acq: 31 Jul 2020 18:50

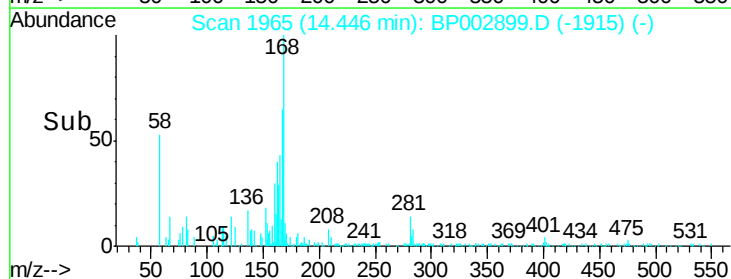
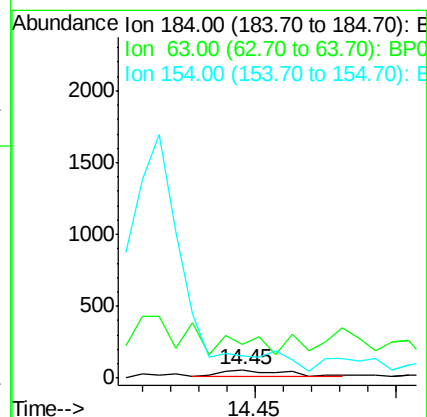
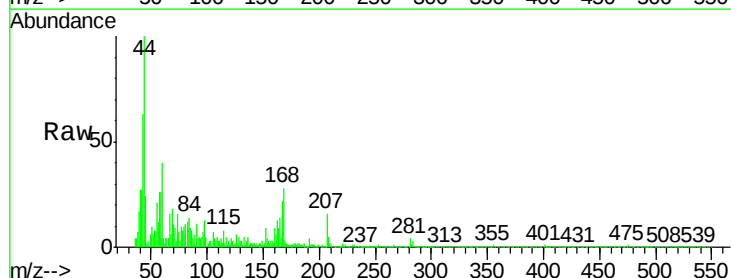
Tgt Ion:184 Resp: 79

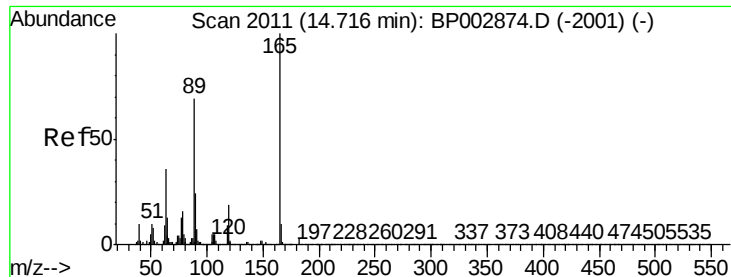
Ion Ratio Lower Upper

184 100

63 423.2 50.3 75.5#

154 437.5 50.6 76.0#

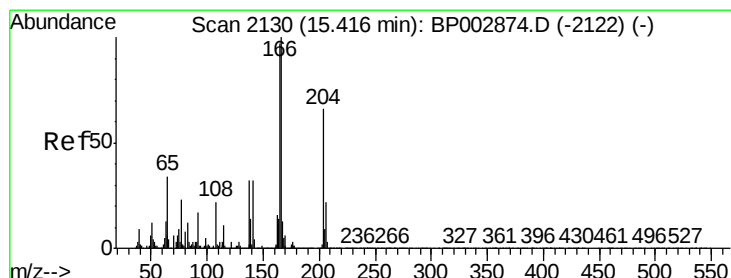
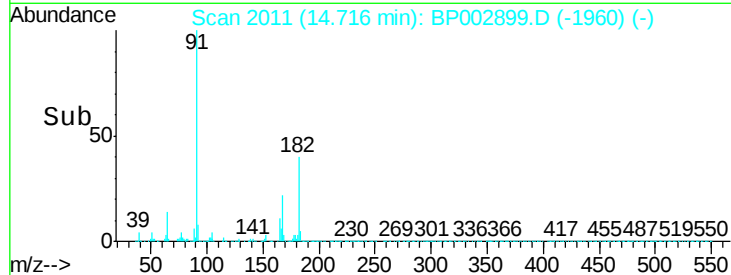
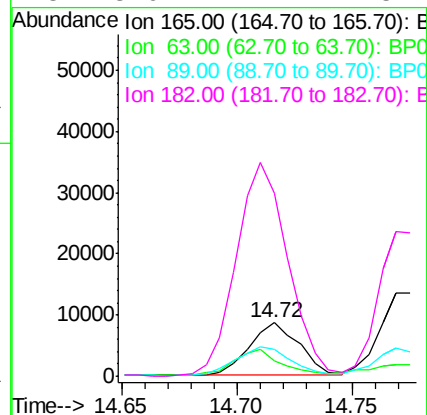
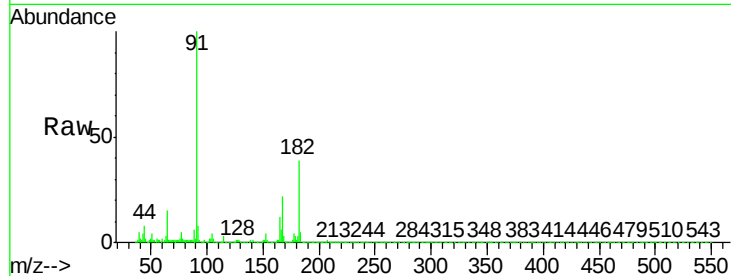




#57
 2,4-Dinitrotoluene
 Concen: 4.223 ng
 RT: 14.72 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BP002899.D
 Acq: 31 Jul 2020 18:50

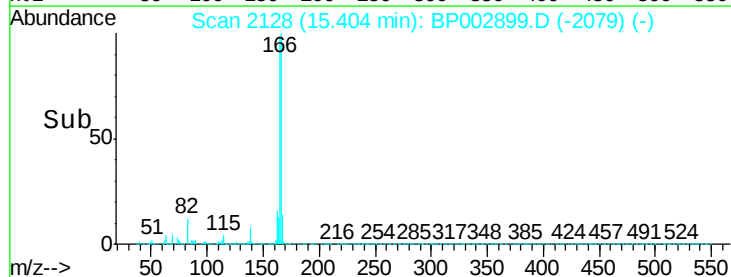
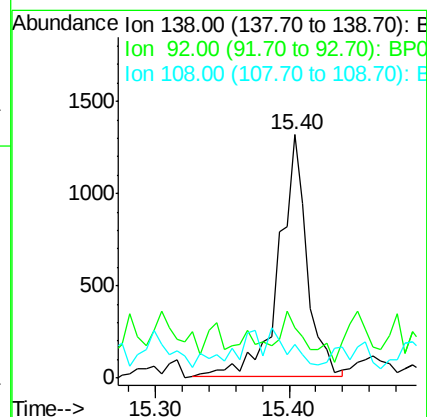
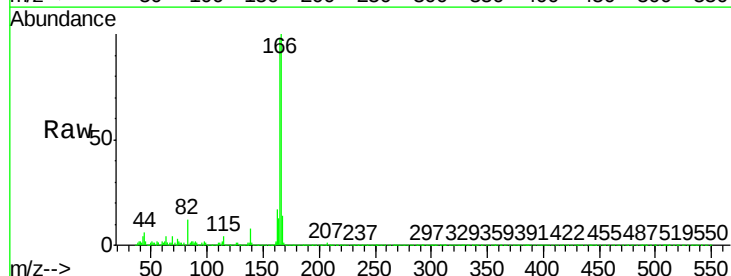
Instrument :
 BNA_P
 ClientSampleId :
 TP-9

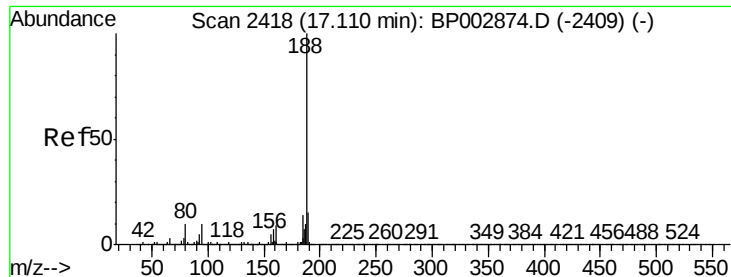
Tot Ion:165	Resp:	12967
Ion Ratio	Lower	Upper
165	100	
63	29.8	29.0 43.4
89	50.7	55.5 83.3#
182	340.4	2.2 3.4#



#62
 4-Nitroaniline
 Concen: 2.497 ng
 RT: 15.40 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BP002899.D
 Acq: 31 Jul 2020 18:50

Tgt Ion:138	Resp:	1912
Ion Ratio	Lower	Upper
138	100	
92	20.7	32.2 72.2#
108	13.6	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: BP002899.D

Acq: 31 Jul 2020 18:50

Instrument :

BNA_P

ClientSampled :

TP-9

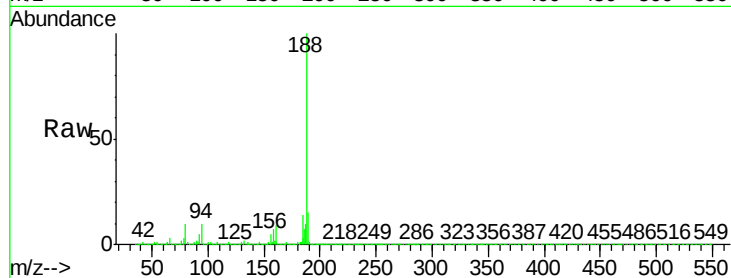
Tot Ion:188 Resp: 2558556

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

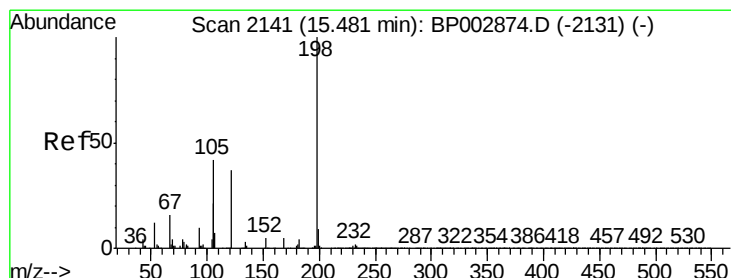
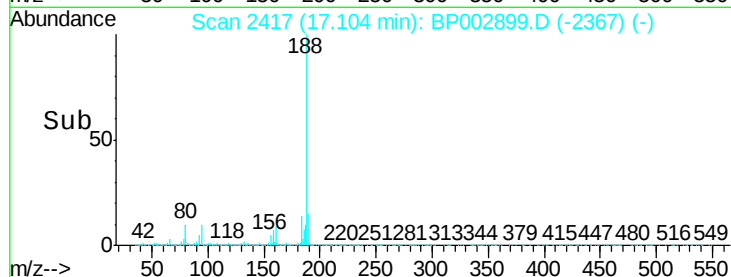
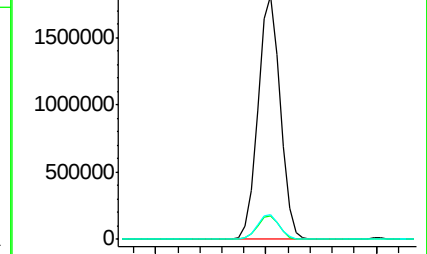
80 10.2 8.0 12.0



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: 6.905 ng

RT: 15.47 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BP002899.D

Acq: 31 Jul 2020 18:50

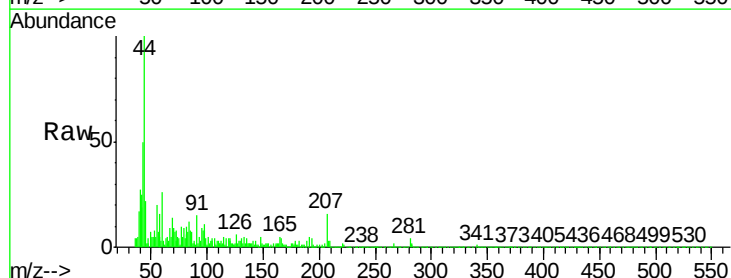
Tgt Ion:198 Resp: 76

Ion Ratio Lower Upper

198 100

51 507.9 11.6 51.6#

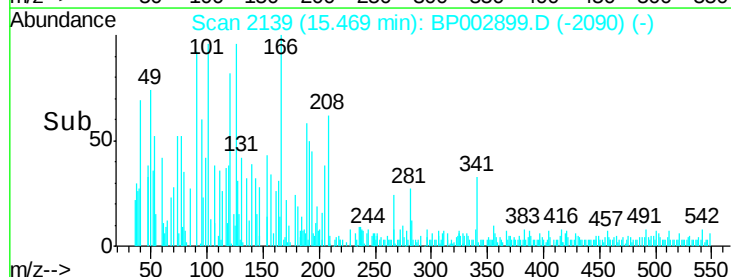
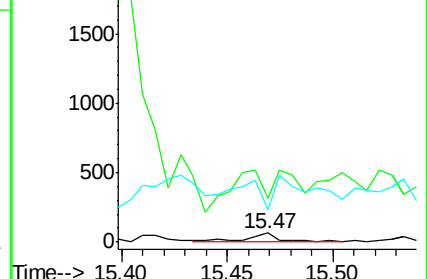
105 363.5 23.8 63.8#

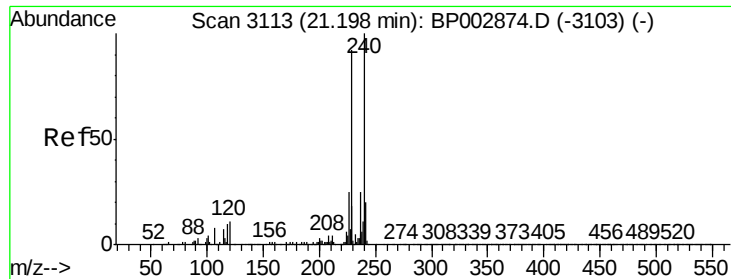


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

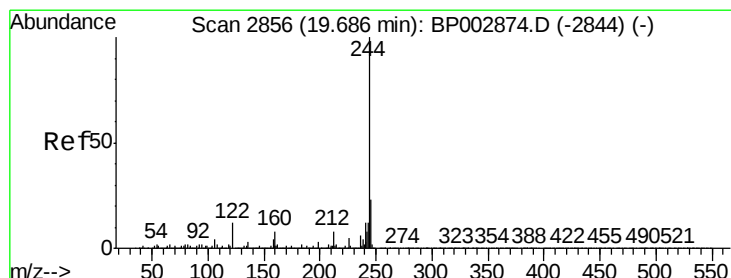
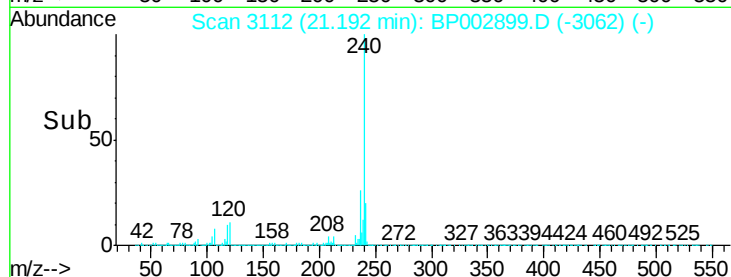
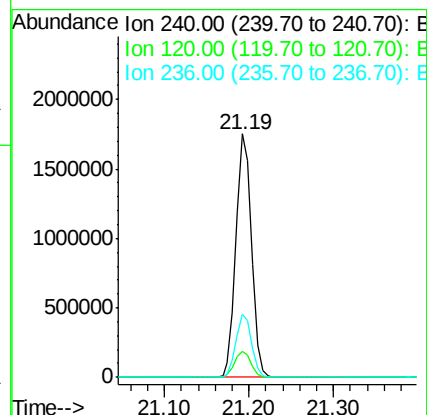
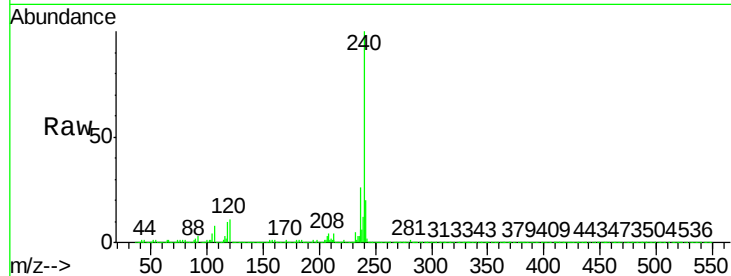




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BP002899.D
Acq: 31 Jul 2020 18:50

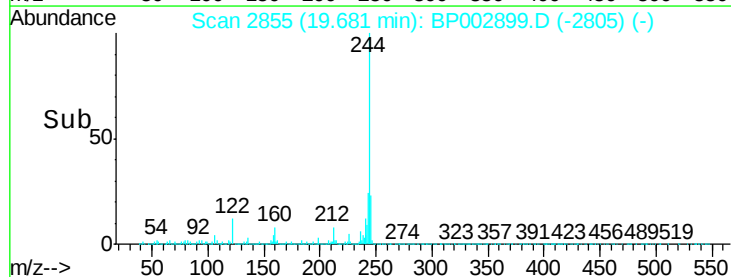
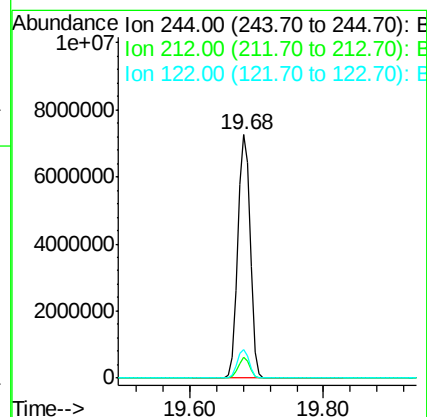
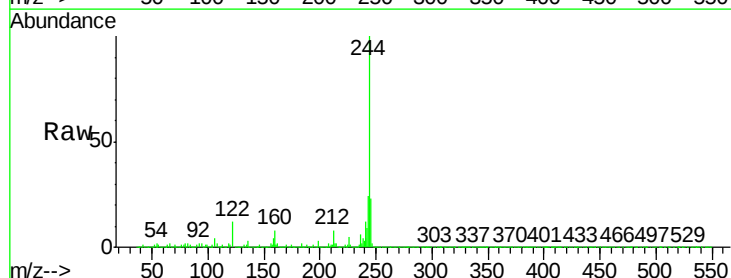
Instrument :
BNA_P
ClientSampled :
TP-9

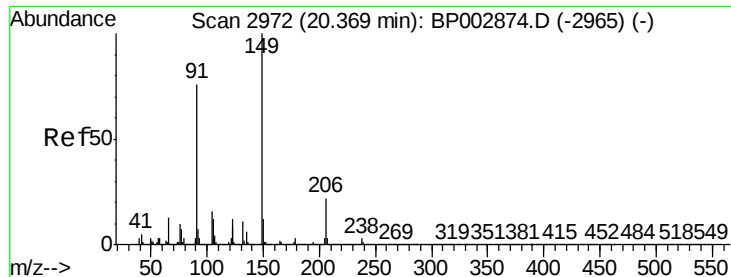
Tot Ion:240 Resp: 2198314
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 87.205 ng
RT: 19.68 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BP002899.D
Acq: 31 Jul 2020 18:50

Tgt Ion:244 Resp: 9575854
Ion Ratio Lower Upper
244 100
212 8.3 6.4 9.6
122 11.9 9.4 14.2

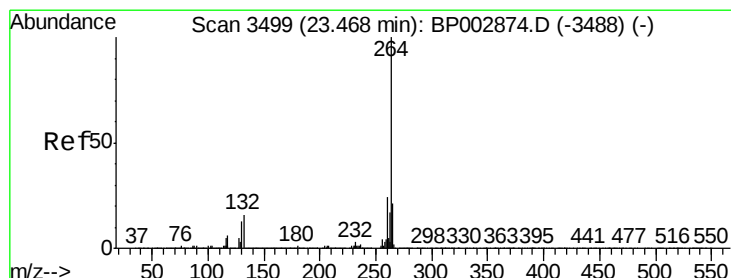
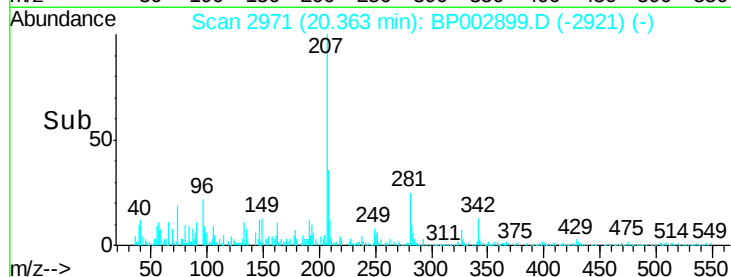
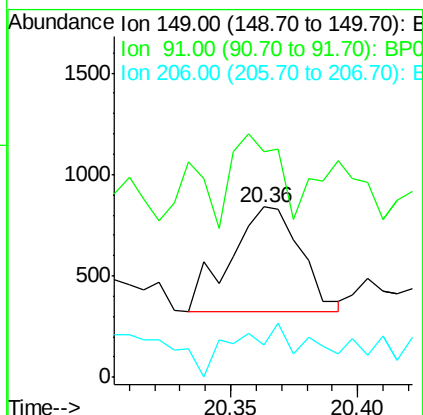
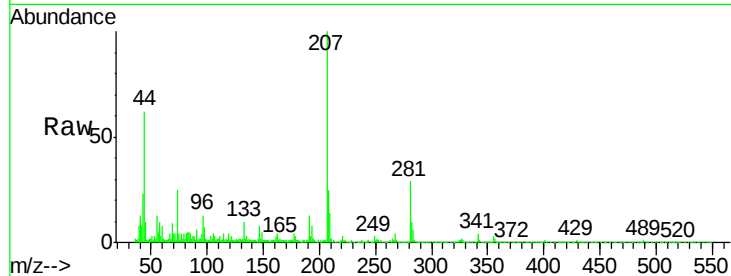




#80
Butylbenzylphthalate
Concen: 3.073 ng
RT: 20.36 min Scan# 2971
Delta R.T. -0.01 min
Lab File: BP002899.D
Acq: 31 Jul 2020 18:50

Instrument :
BNA_P
ClientSampleId :
TP-9

Tot Ion:149 Resp: 996
Ion Ratio Lower Upper
149 100
91 133.1 60.5 90.7#
206 19.0 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: BP002899.D
Acq: 31 Jul 2020 18:50

Tgt Ion:264 Resp: 1875411
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.4 17.0 25.4

