

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
 Data File : BP003024.D
 Acq On : 18 Aug 2020 19:06
 Operator : CG/JU
 Sample : L3502-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-01-081320

Quant Time: Aug 18 19:35:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	330735	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1167493	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	681227	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1439543	20.00	ng	0.00
76) Chrysene-d12	21.16	240	1474526	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1597814	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	470310	21.76	ng	0.00
7) Phenol-d6	6.86	99	541940	18.06	ng	-0.01
23) Nitrobenzene-d5	8.83	82	1276548	59.22	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	303482	35.84	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3817534	76.57	ng	0.00
79) Terphenyl-d14	19.65	244	4969855	67.48	ng	0.00

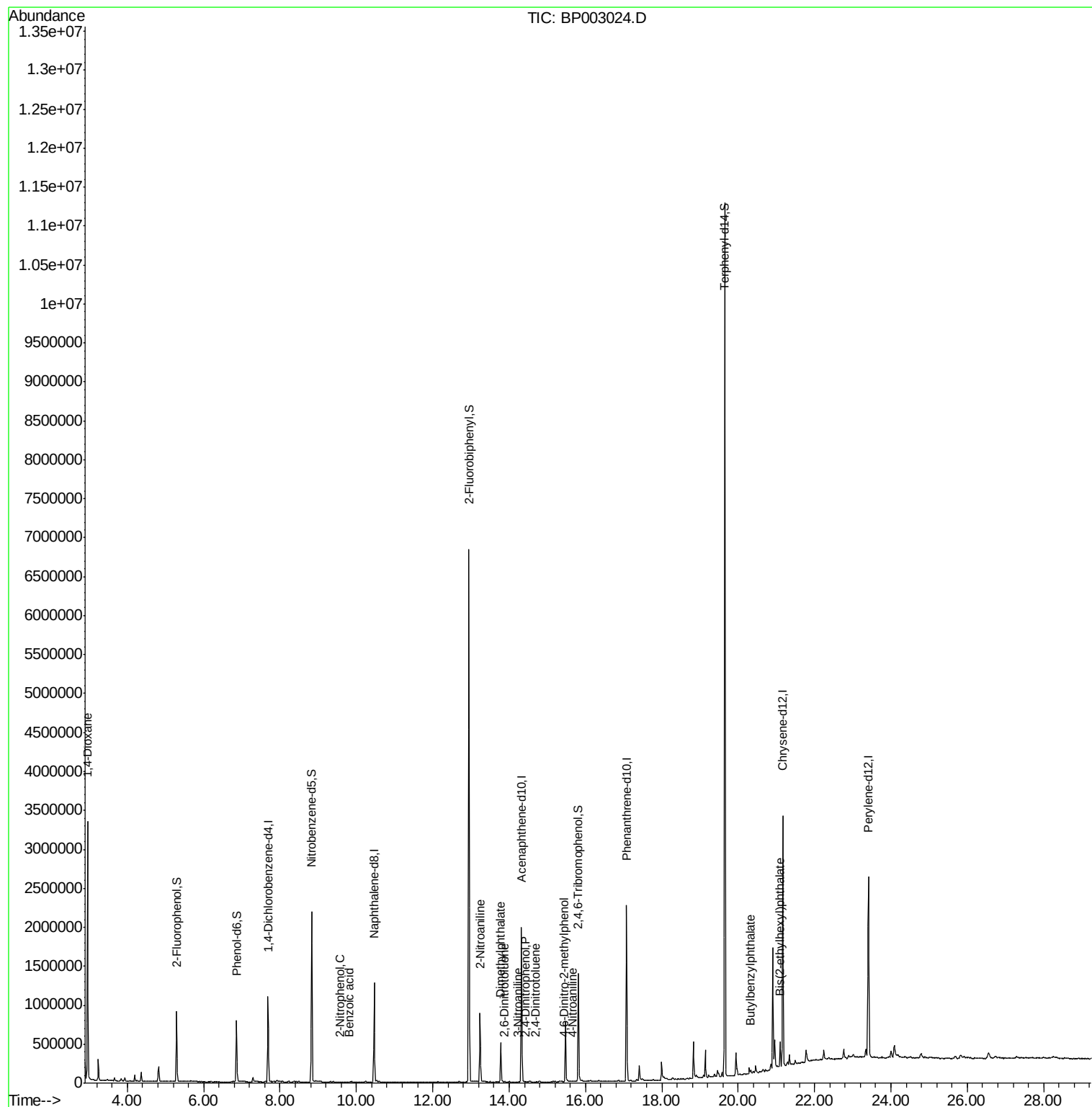
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.96	88	18809	2.028	ng	# 1
26) 2-Nitrophenol	9.57	139	18	4.522	ng	# 1
32) Benzoic acid	9.80	122	816	7.749	ng	84
48) 2-Nitroaniline	13.24	65	12876	5.045	ng	# 1
50) Dimethylphthalate	13.78	163	377107	7.078	ng	100
51) 2,6-Dinitrotoluene	13.87	165	447	2.934	ng	# 56
53) 3-Nitroaniline	14.22	138	21	3.275	ng	# 51
54) 2,4-Dinitrophenol	14.43	184	24	8.062	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	223	3.819	ng	# 61
62) 4-Nitroaniline	15.65	138	70	2.421	ng	90
65) 4,6-Dinitro-2-methylphenol	15.44	198	18	6.902	ng	# 1
80) Butylbenzylphthalate	20.33	149	6212	3.197	ng	90
84) Bis(2-ethylhexyl)phthalate	21.10	149	128217	2.248	ng	95

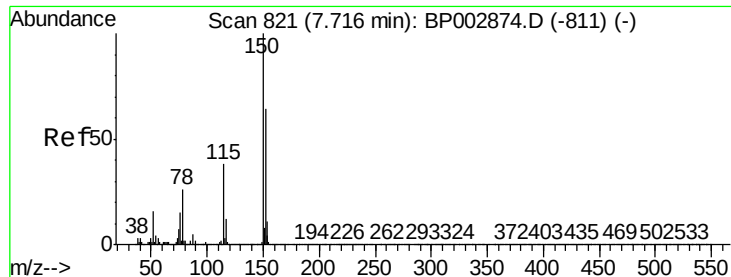
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.68 min Scan# 815

Delta R.T. -0.01 min

Lab File: BP003024.D

Acq: 18 Aug 2020 19:06

Instrument :

BNA_P

ClientSampleId :

OK-01-081320

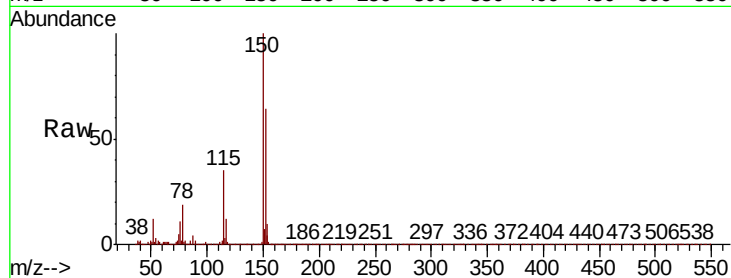
Tot Ion:152 Resp: 330735

Ion Ratio Lower Upper

152 100

150 157.0 126.1 189.1

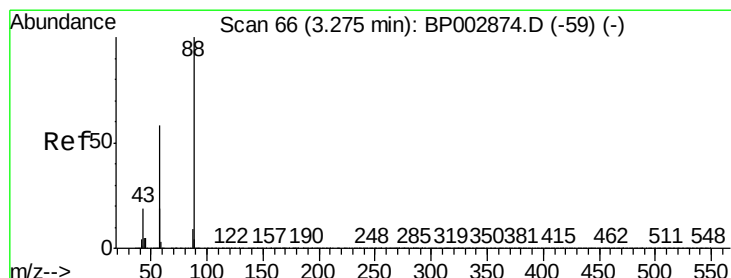
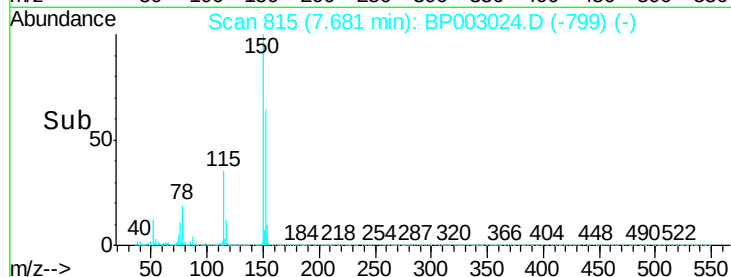
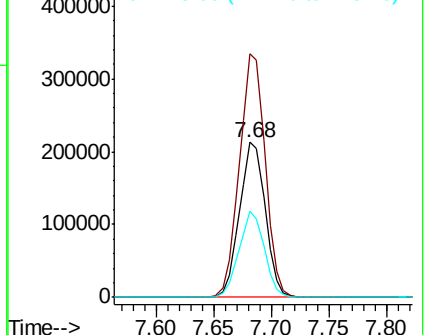
115 55.6 43.4 65.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.028 ng

RT: 2.96 min Scan# 12

Delta R.T. -0.28 min

Lab File: BP003024.D

Acq: 18 Aug 2020 19:06

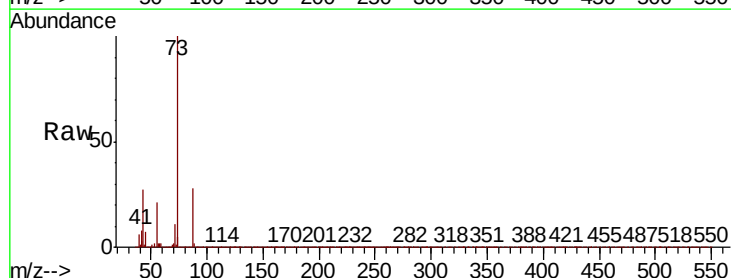
Tgt Ion: 88 Resp: 18809

Ion Ratio Lower Upper

88 100

58 24.8 44.5 66.7#

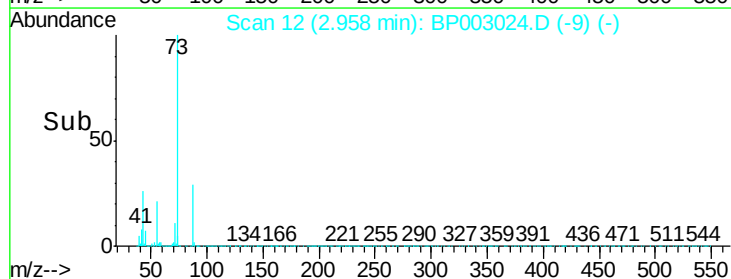
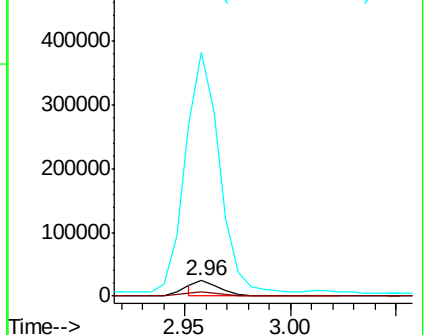
43 1526.0 14.5 21.7#

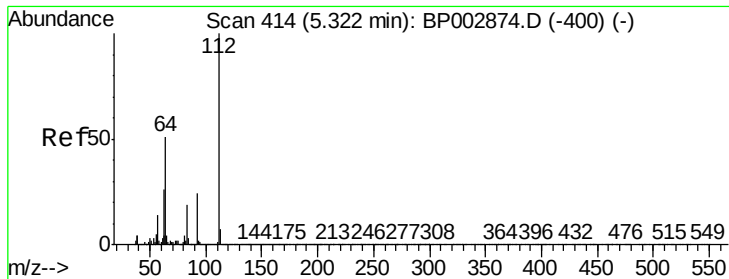


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#5

2-Fluorophenol

Concen: 21.764 ng

RT: 5.29 min Scan# 409

Delta R.T. 0.00 min

Lab File: BP003024.D

Acq: 18 Aug 2020 19:06

Instrument :

BNA_P

ClientSampleId :

OK-01-081320

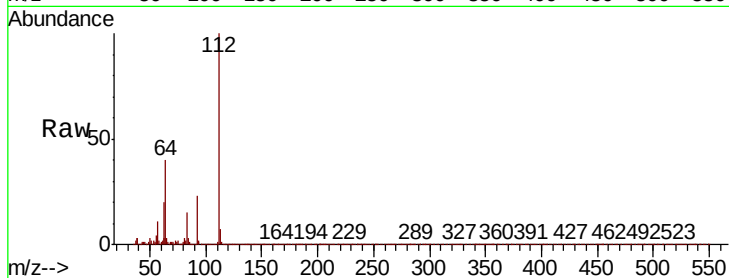
Tot Ion: 112 Resp: 470310

Ion Ratio Lower Upper

112 100

64 40.3 33.4 50.2

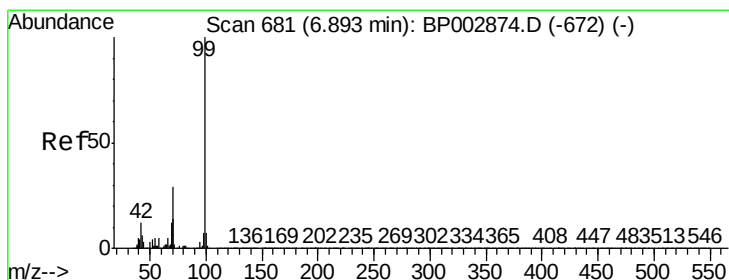
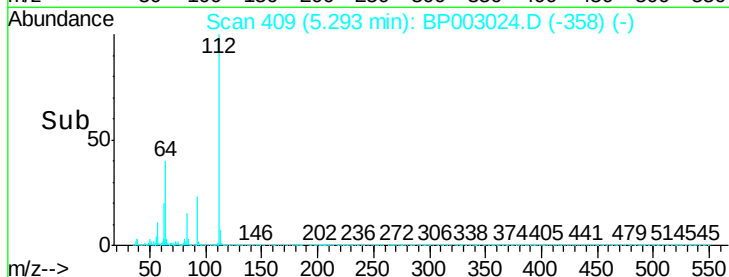
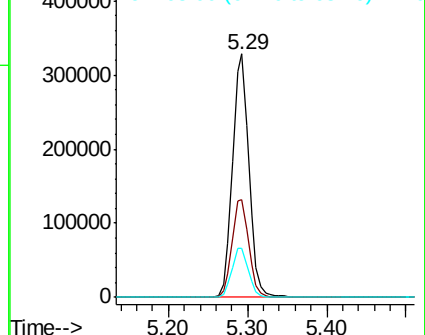
63 20.4 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 18.063 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003024.D

Acq: 18 Aug 2020 19:06

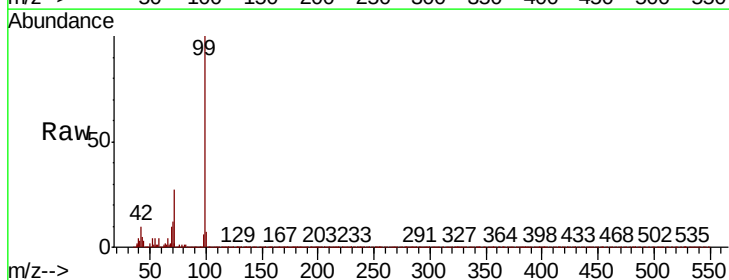
Tgt Ion: 99 Resp: 541940

Ion Ratio Lower Upper

99 100

42 9.9 8.0 12.0

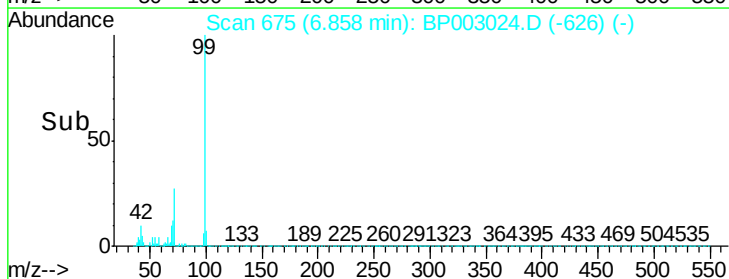
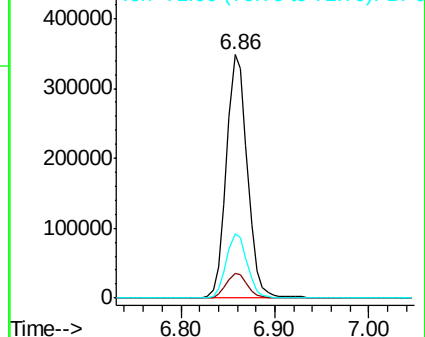
71 26.7 21.3 31.9

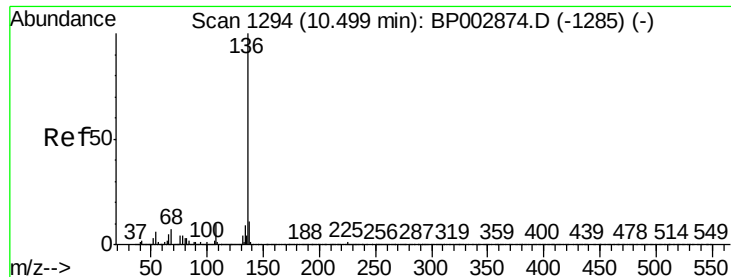


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



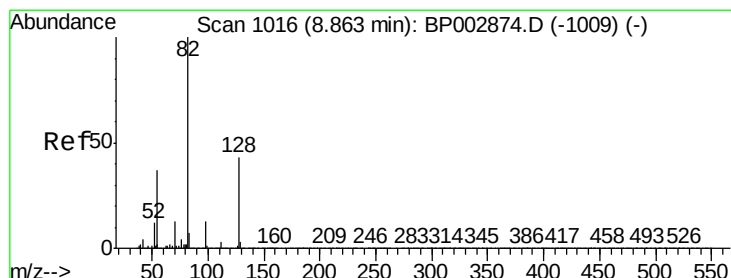
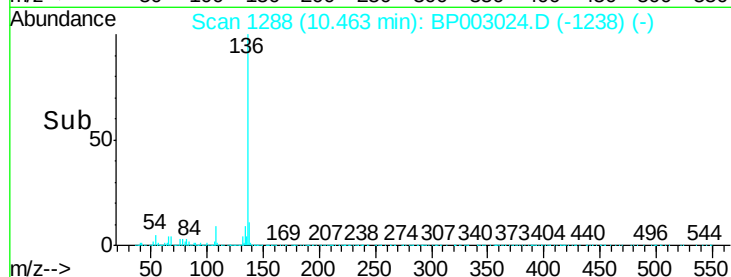
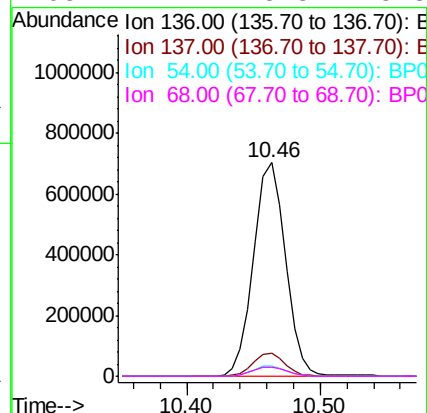
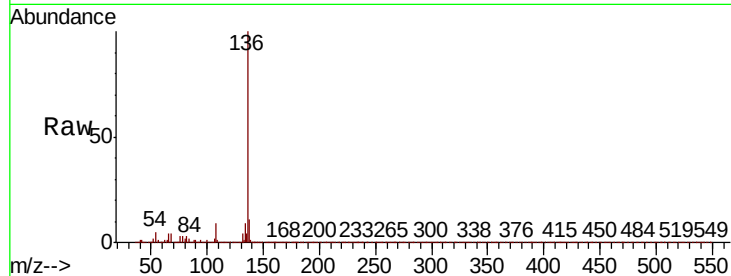


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP003024.D
Acq: 18 Aug 2020 19:06

Instrument :
BNA_P
ClientSampleId :
OK-01-081320

Tot Ion:136 Resp: 1167493

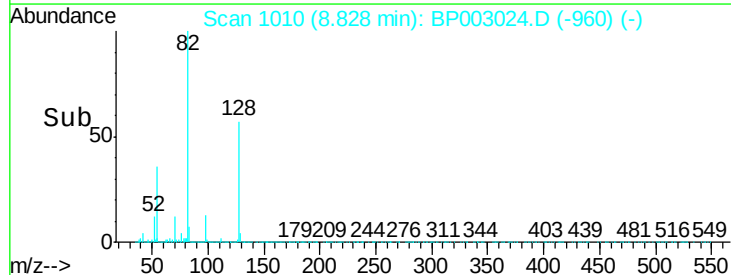
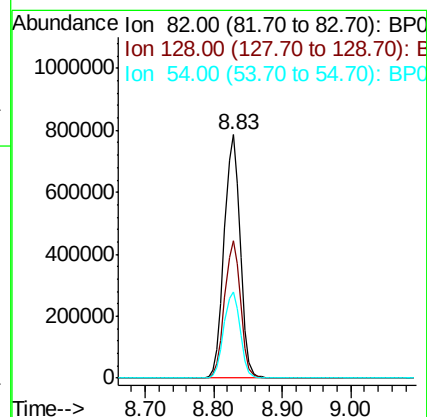
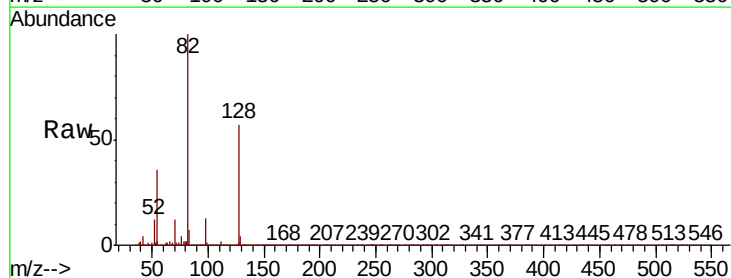
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.5	3.8	5.8
68	4.4	3.8	5.8

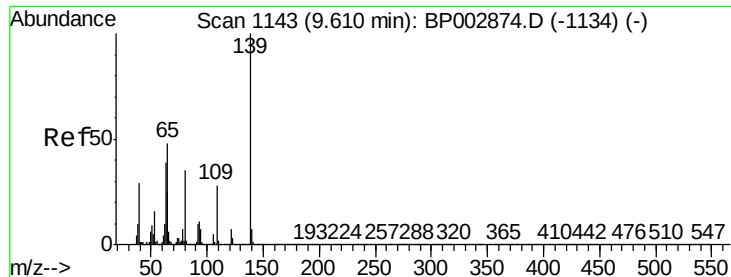


#23
Nitrobenzene-d5
Concen: 59.222 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003024.D
Acq: 18 Aug 2020 19:06

Tgt Ion: 82 Resp: 1276548

Ion	Ratio	Lower	Upper
82	100		
128	56.5	45.1	67.7
54	35.6	28.8	43.2

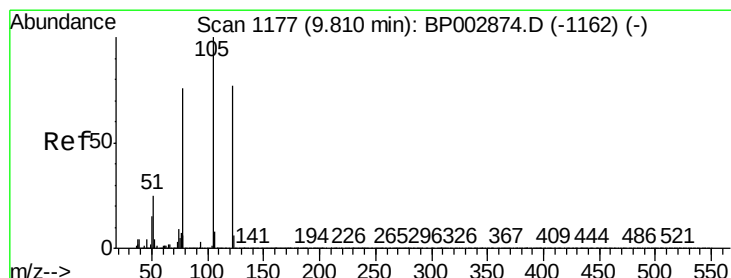
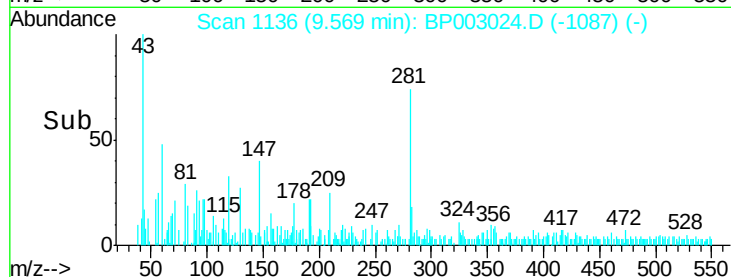
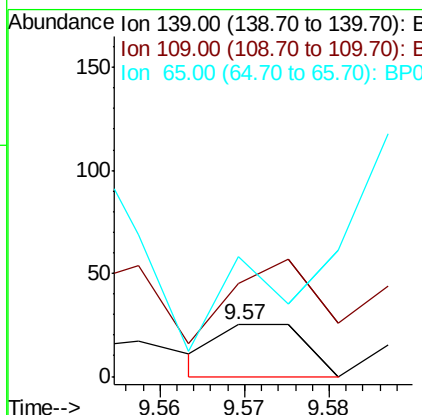
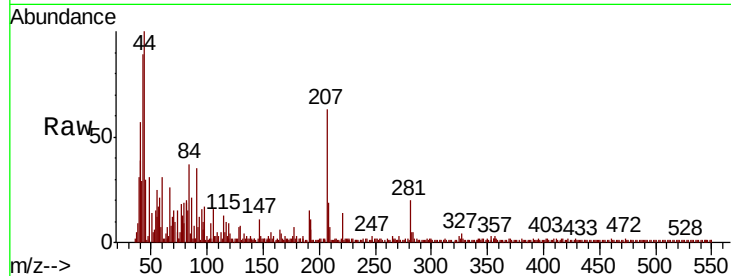




#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.57 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BP003024.D
Acq: 18 Aug 2020 19:06

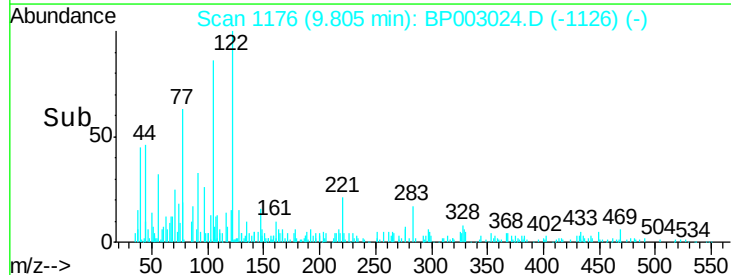
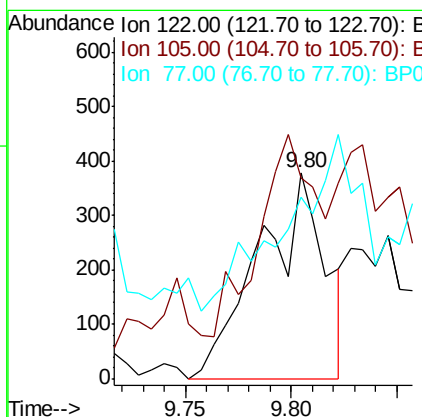
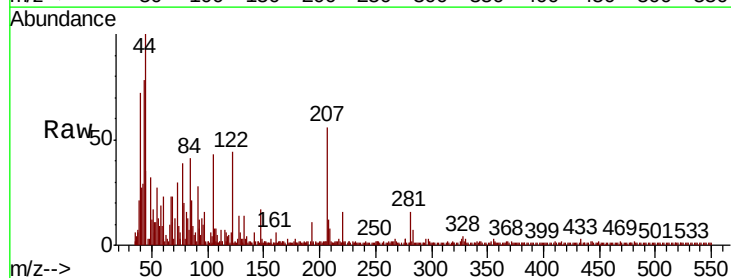
Instrument :
BNA_P
ClientSampleId :
OK-01-081320

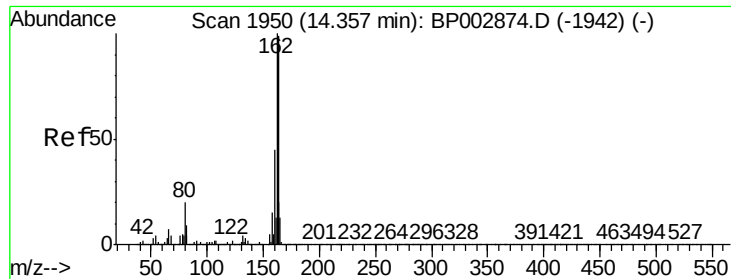
Tot Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 132.4 21.0 31.6#
65 170.6 27.2 40.8#



#32
Benzoic acid
Concen: 7.749 ng
RT: 9.80 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BP003024.D
Acq: 18 Aug 2020 19:06

Tgt Ion:122 Resp: 816
Ion Ratio Lower Upper
122 100
105 97.4 96.2 136.2
77 88.4 55.6 95.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BP003024.D

Acq: 18 Aug 2020 19:06

Instrument :

BNA_P

ClientSampleId :

OK-01-081320

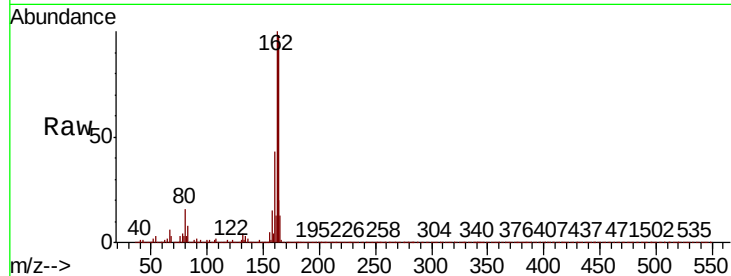
Tot Ion:164 Resp: 681227

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

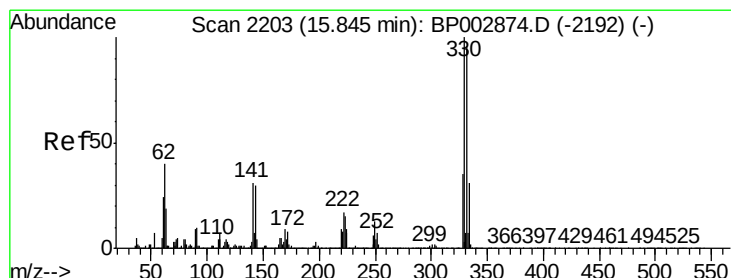
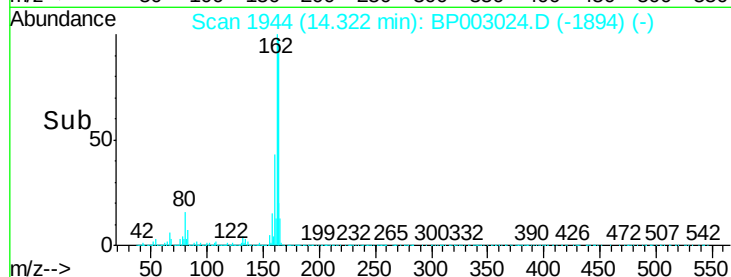
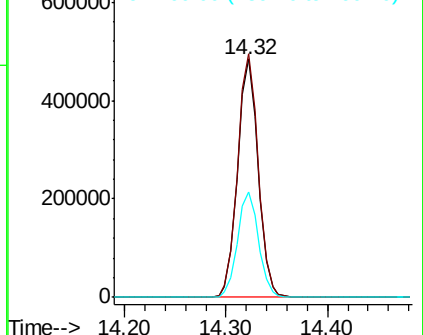
160 44.4 35.5 53.3



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: 35.843 ng

RT: 15.82 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BP003024.D

Acq: 18 Aug 2020 19:06

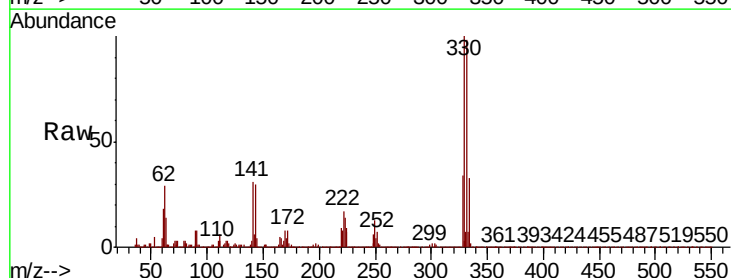
Tgt Ion:330 Resp: 303482

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

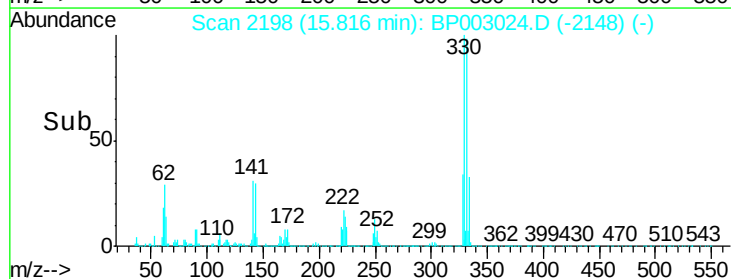
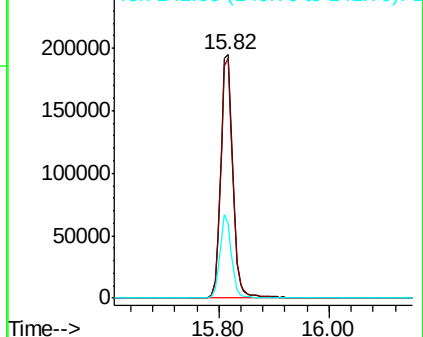
141 32.5 26.7 40.1

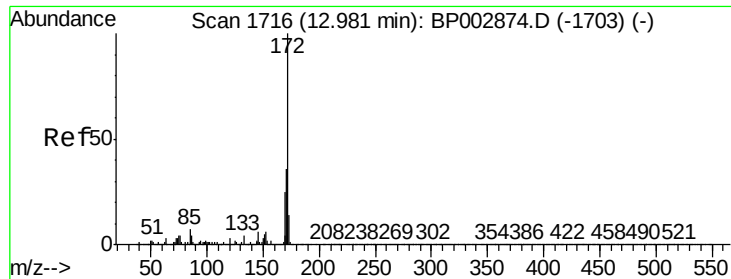


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

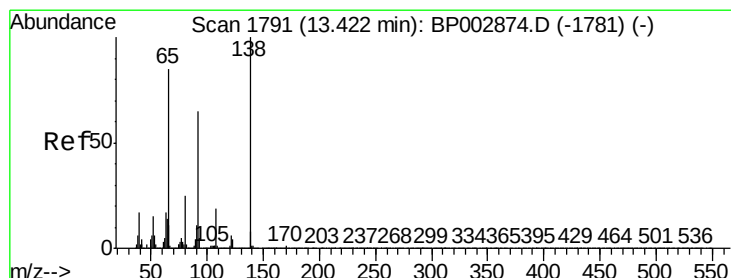
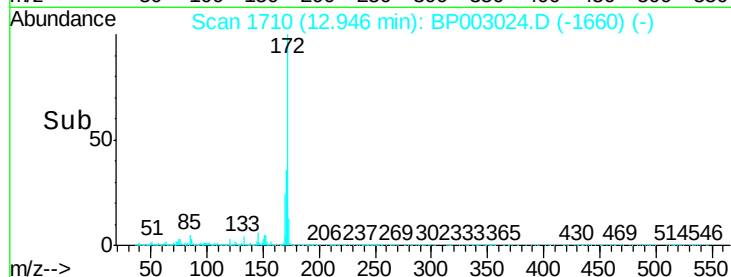
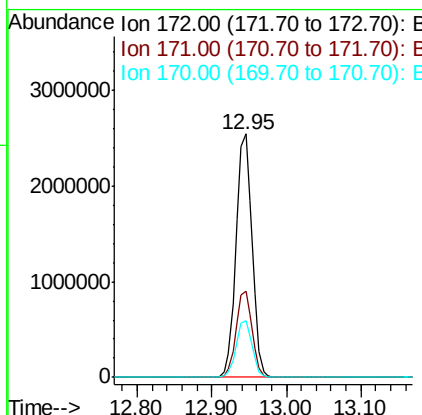
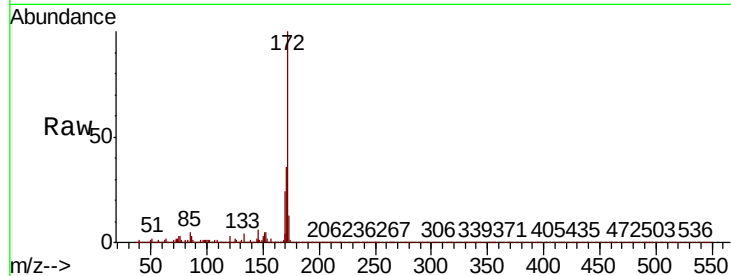




#45
2-Fluorobiphenyl
Concen: 76.566 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003024.D
Acq: 18 Aug 2020 19:06

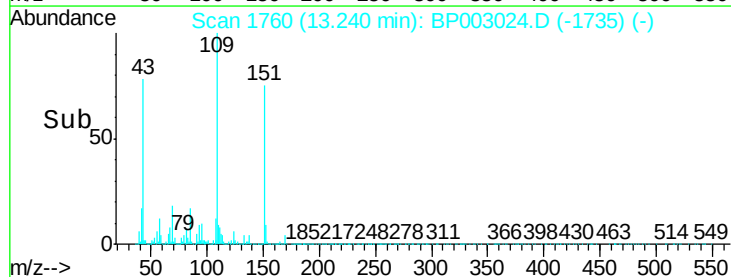
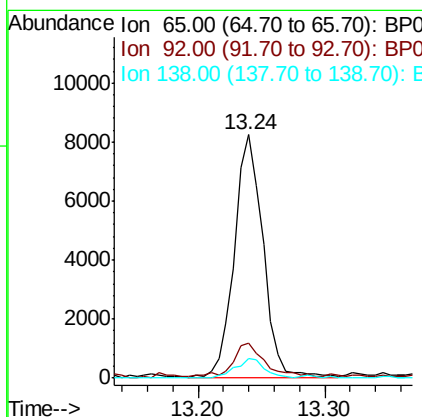
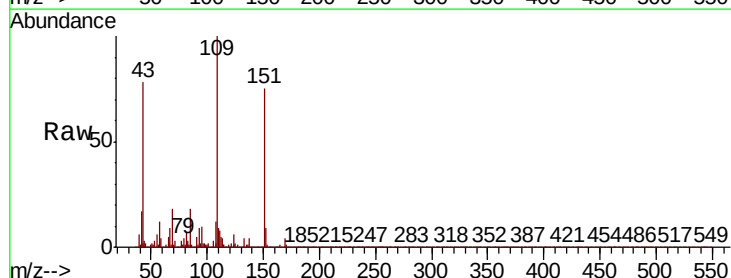
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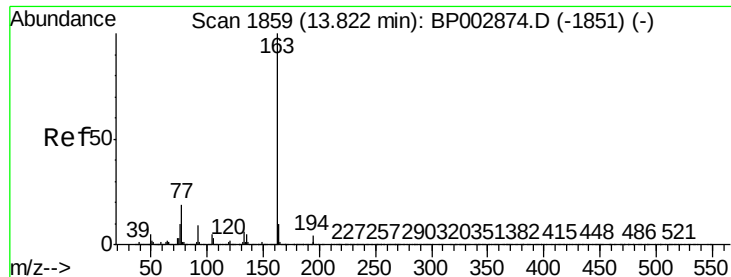
Tot Ion:172 Resp: 3817534
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 23.5 19.1 28.7



#48
2-Nitroaniline
Concen: 5.045 ng
RT: 13.24 min Scan# 1760
Delta R.T. -0.15 min
Lab File: BP003024.D
Acq: 18 Aug 2020 19:06

Tgt Ion: 65 Resp: 12876
Ion Ratio Lower Upper
65 100
92 14.4 70.1 105.1#
138 7.9 129.7 194.5#





#50

Dimethylphthalate

Concen: 7.078 ng

RT: 13.78 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BP003024.D

Acq: 18 Aug 2020 19:06

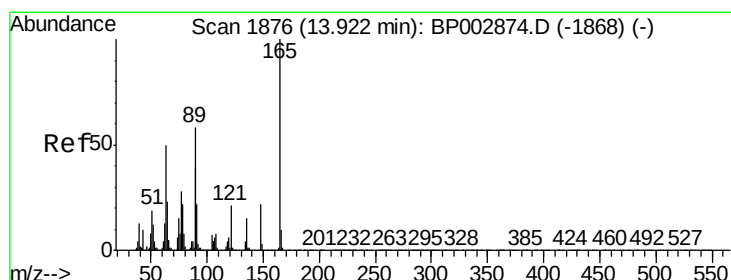
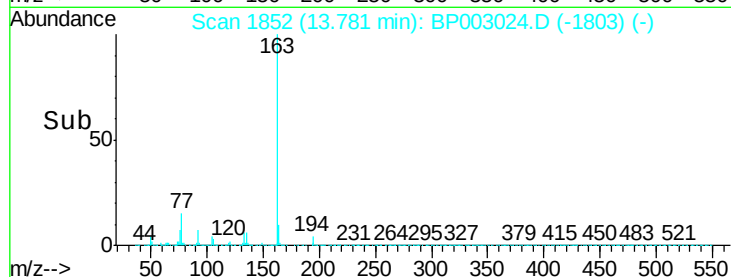
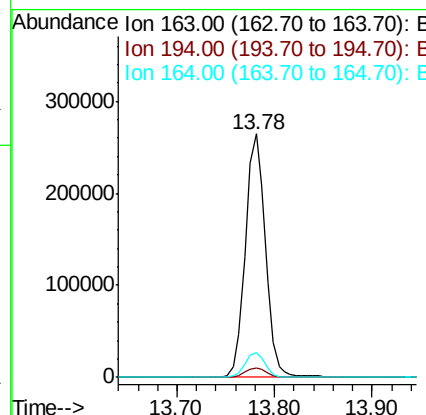
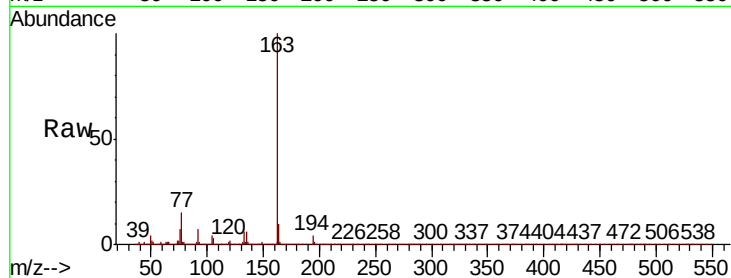
Instrument :

BNA_P

ClientSampleId :

OK-01-081320

Tot Ion:163	Resp:	377107
Ion Ratio	Lower	Upper
163	100	
194	4.0	3.3 4.9
164	10.2	8.1 12.1



#51

2,6-Dinitrotoluene

Concen: 2.934 ng

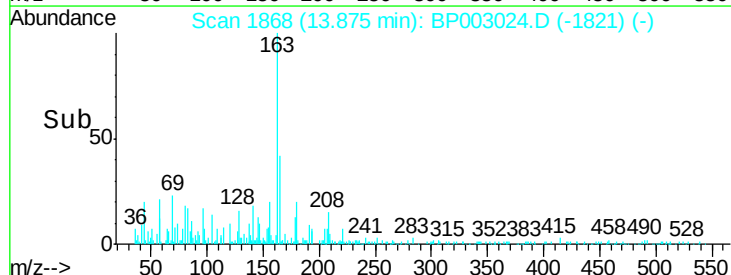
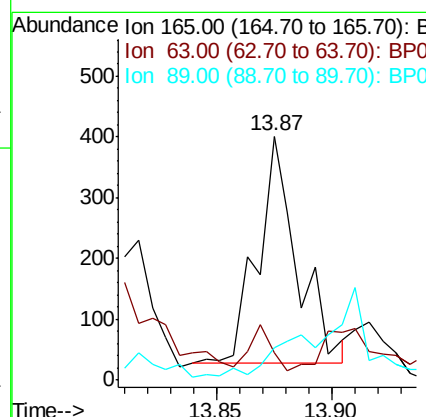
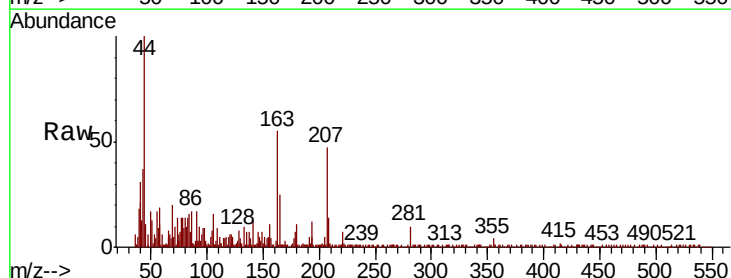
RT: 13.87 min Scan# 1868

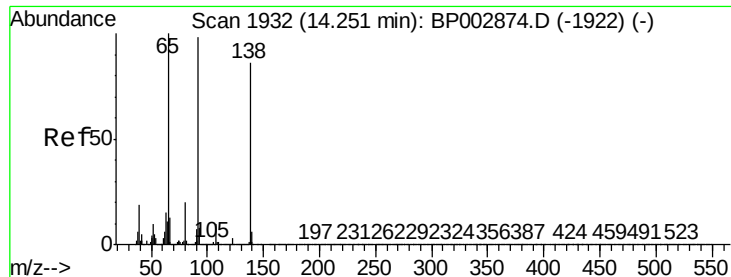
Delta R.T. -0.02 min

Lab File: BP003024.D

Acq: 18 Aug 2020 19:06

Tgt Ion:165	Resp:	447
Ion Ratio	Lower	Upper
165	100	
63	11.2	28.1 42.1#
89	13.2	34.5 51.7#

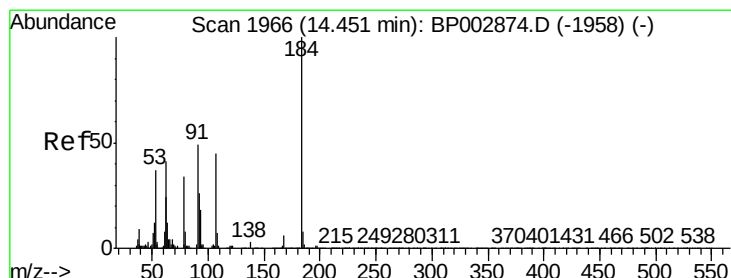
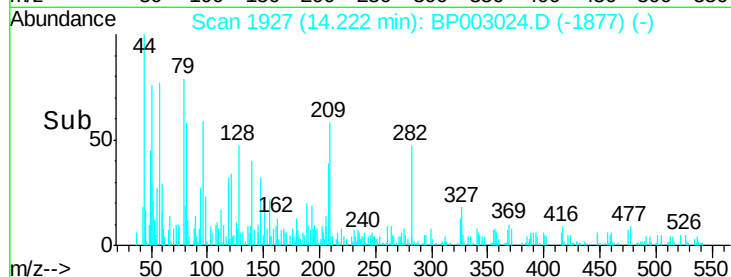
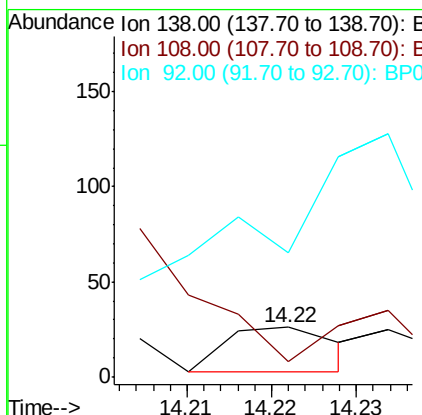
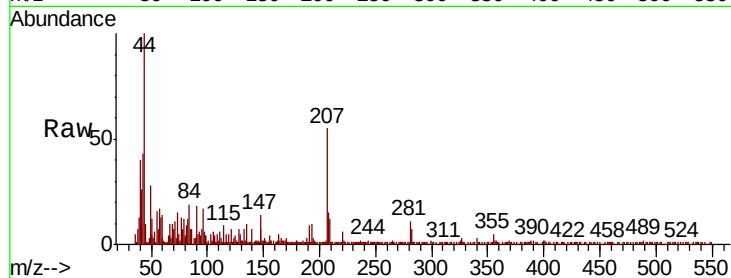




#53
3-Nitroaniline
Concen: 3.275 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BP003024.D
Acq: 18 Aug 2020 19:06

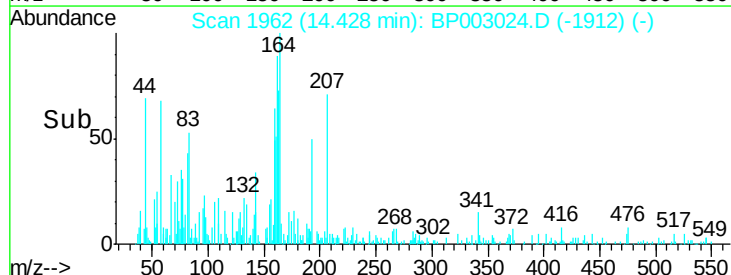
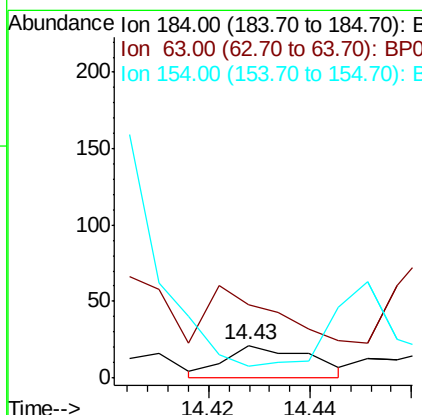
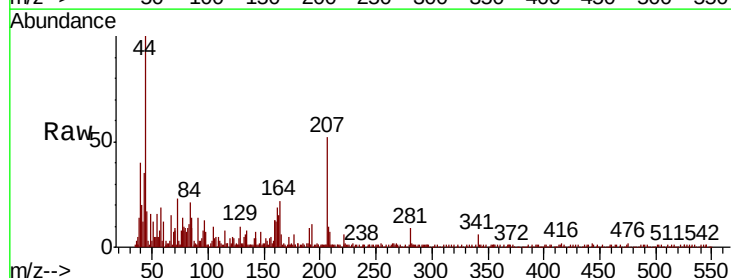
Instrument :
BNA_P
ClientSampleId :
OK-01-081320

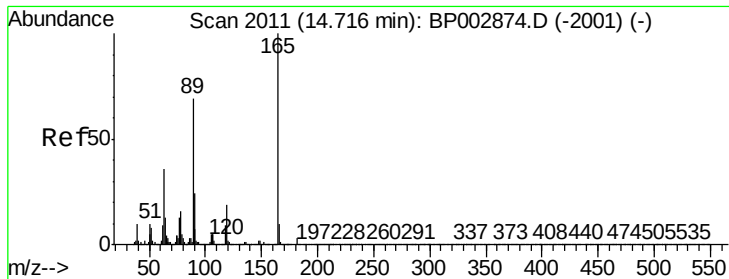
Tot Ion:138 Resp: 21
Ion Ratio Lower Upper
138 100
108 17.8 7.7 11.5#
92 144.4 75.6 113.4#



#54
2,4-Dinitrophenol
Concen: 8.062 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BP003024.D
Acq: 18 Aug 2020 19:06

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 228.6 33.0 49.6#
154 38.1 46.8 70.2#





#57

2,4-Dinitrotoluene

Concen: 3.819 ng

RT: 14.69 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BP003024.D

Acq: 18 Aug 2020 19:06

Instrument :

BNA_P

ClientSampleId :

OK-01-081320

Tot Ion:165 Resp: 223

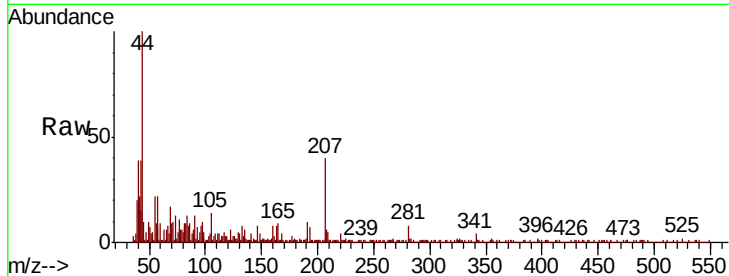
Ion Ratio Lower Upper

165 100

63 62.4 20.6 31.0#

89 70.9 43.4 65.0#

182 12.1 2.3 3.5#

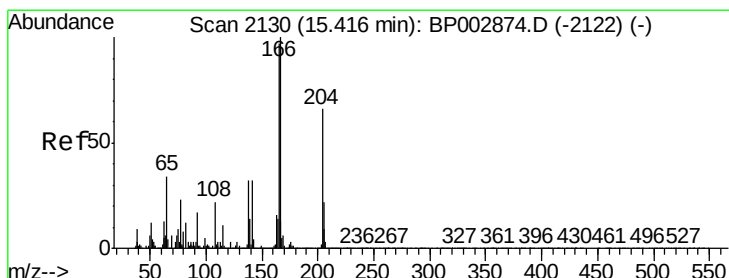
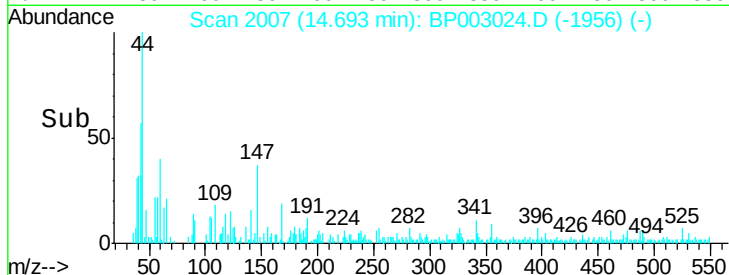
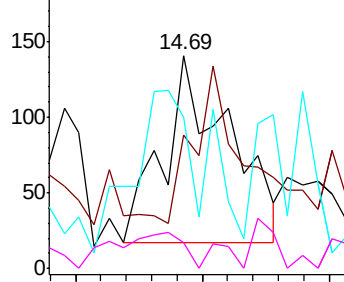


Abundance Ion 165.00 (164.70 to 165.70): E

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



#62

4-Nitroaniline

Concen: 2.421 ng

RT: 15.65 min Scan# 2170

Delta R.T. 0.25 min

Lab File: BP003024.D

Acq: 18 Aug 2020 19:06

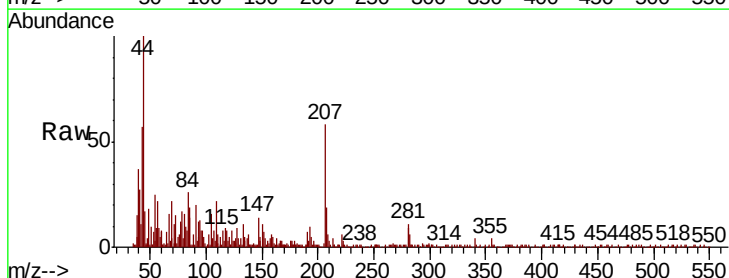
Tgt Ion:138 Resp: 70

Ion Ratio Lower Upper

138 100

92 52.6 21.4 61.4

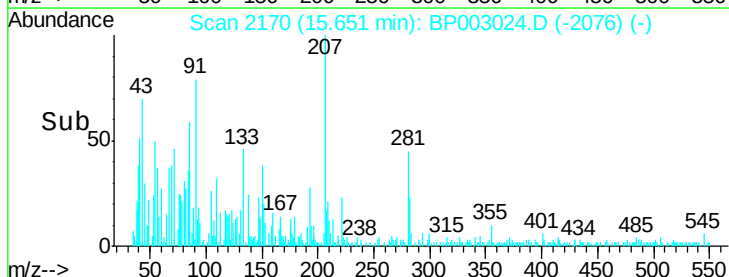
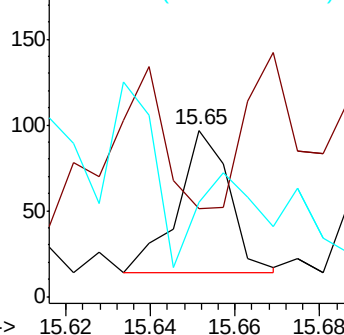
108 56.7 40.8 80.8

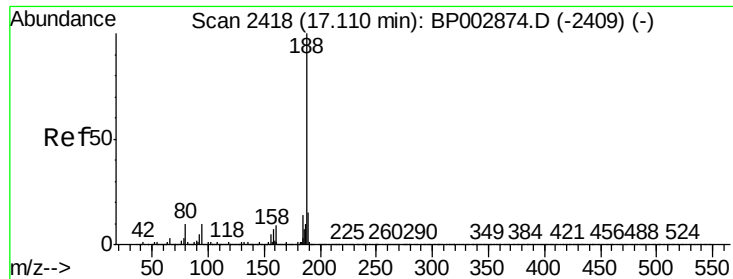


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP003024.D

Acq: 18 Aug 2020 19:06

Instrument :

BNA_P

ClientSampleId :

OK-01-081320

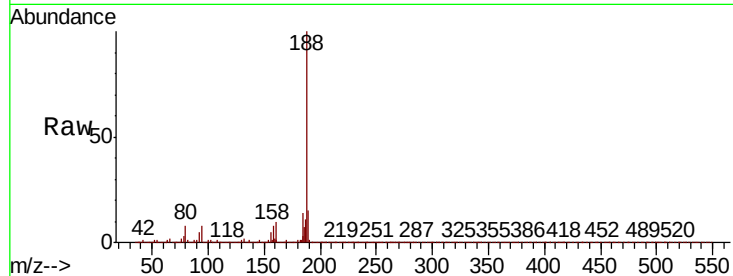
Tot Ion:188 Resp: 1439543

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

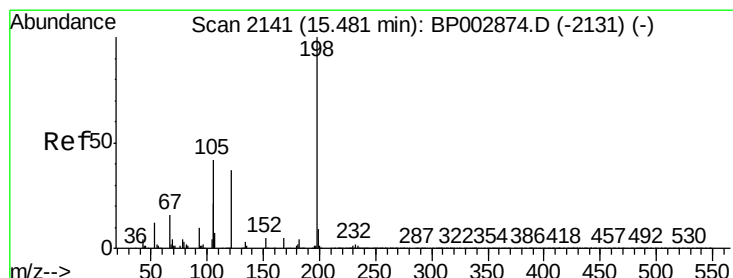
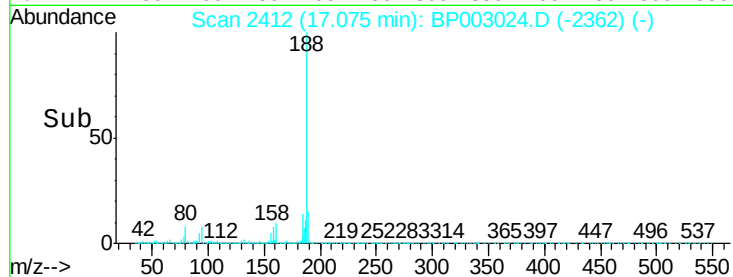
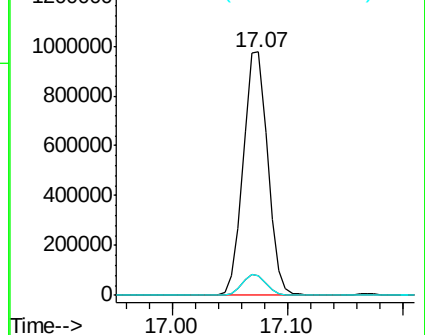
80 8.0 6.7 10.1



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: 6.902 ng

RT: 15.44 min Scan# 2134

Delta R.T. -0.02 min

Lab File: BP003024.D

Acq: 18 Aug 2020 19:06

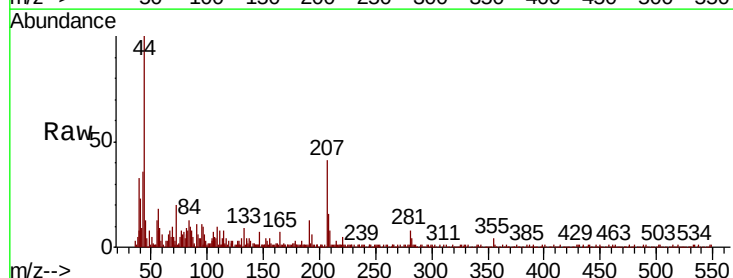
Tgt Ion:198 Resp: 18

Ion Ratio Lower Upper

198 100

51 197.9 6.2 46.2#

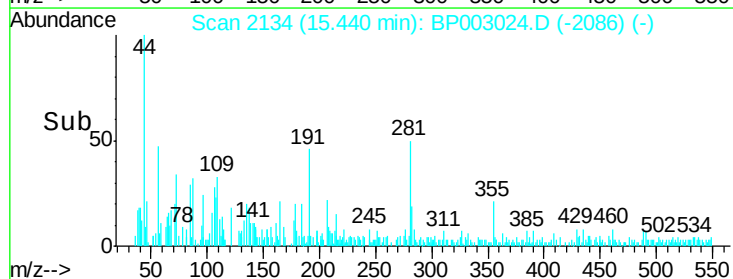
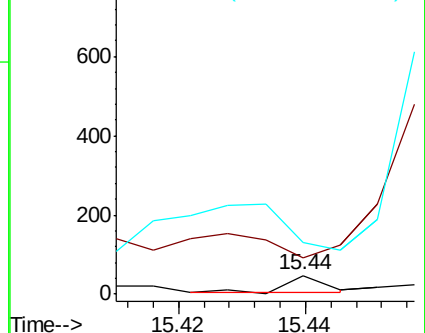
105 278.7 19.9 59.9#

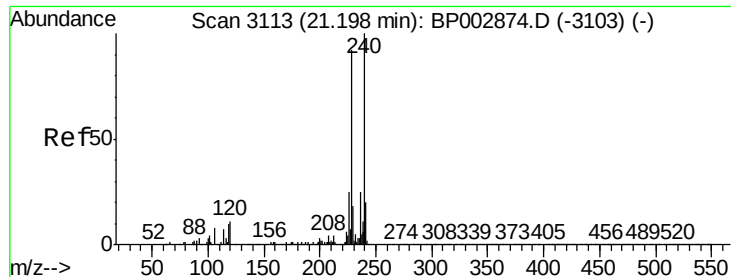


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

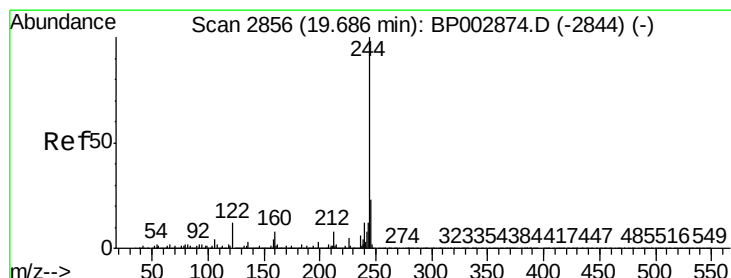
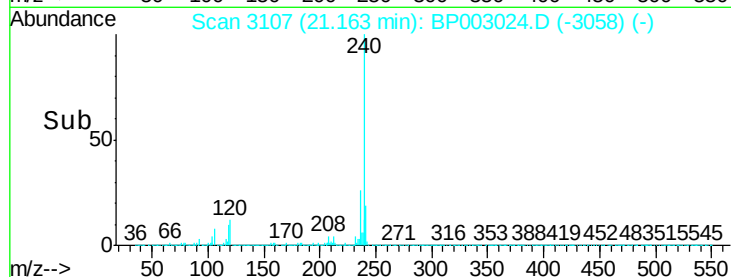
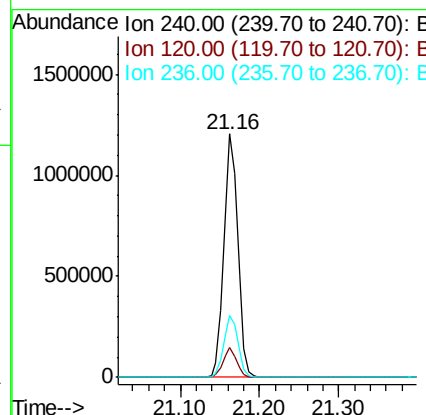
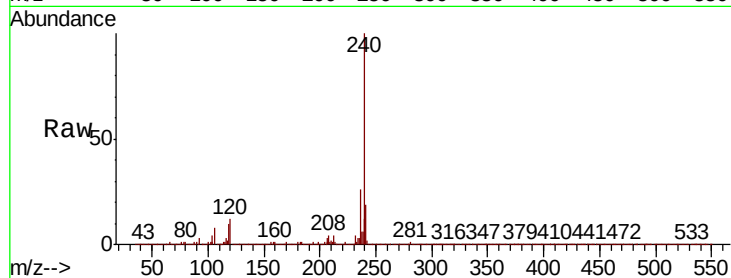




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BP003024.D
Acq: 18 Aug 2020 19:06

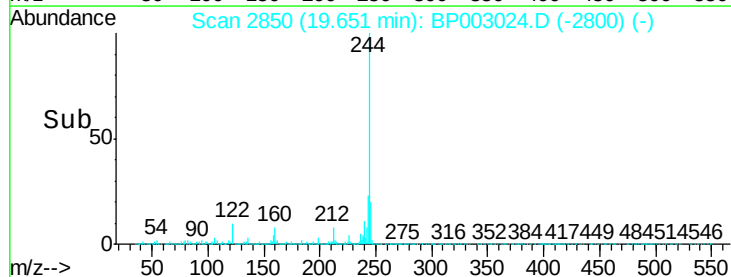
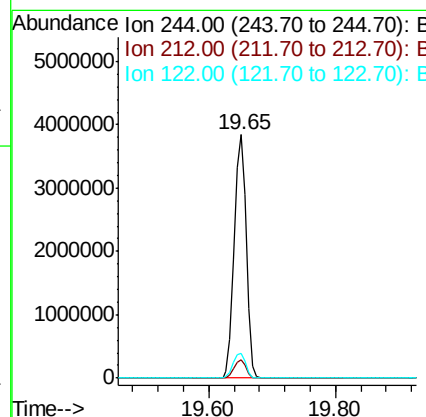
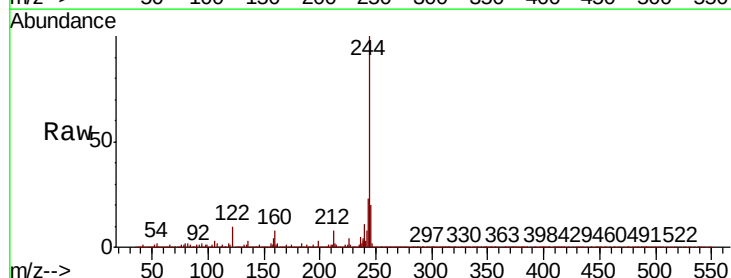
Instrument :
BNA_P
ClientSampleId :
OK-01-081320

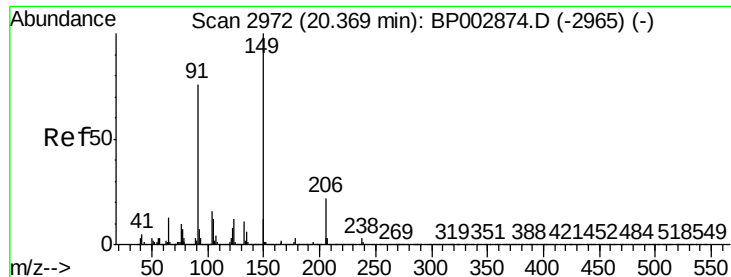
Tot Ion:240 Resp: 1474526
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 67.475 ng
RT: 19.65 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BP003024.D
Acq: 18 Aug 2020 19:06

Tgt Ion:244 Resp: 4969855
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 10.3 8.7 13.1

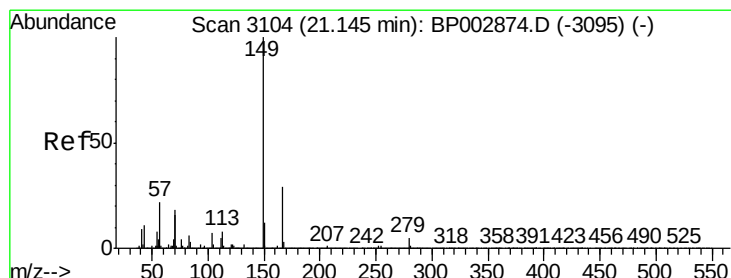
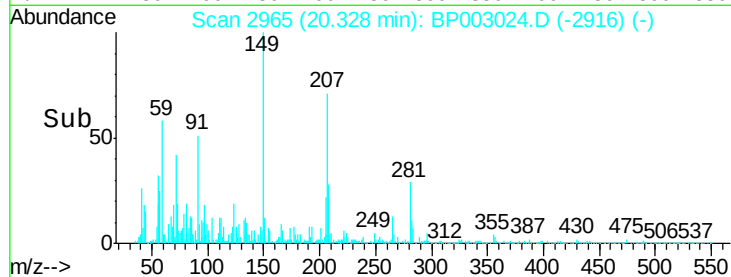
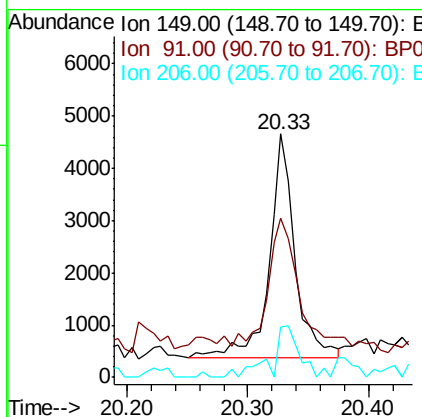
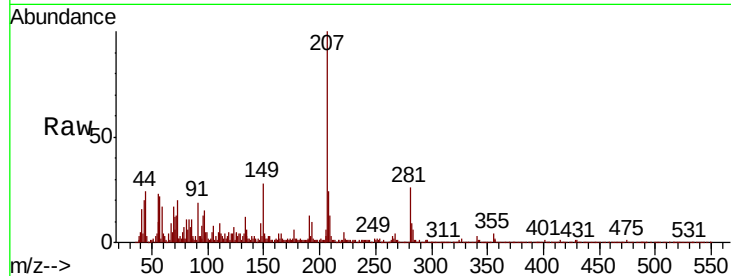




#80
 Butylbenzylphthalate
 Concen: 3.197 ng
 RT: 20.33 min Scan# 2965
 Delta R.T. -0.01 min
 Lab File: BP003024.D
 Acq: 18 Aug 2020 19:06

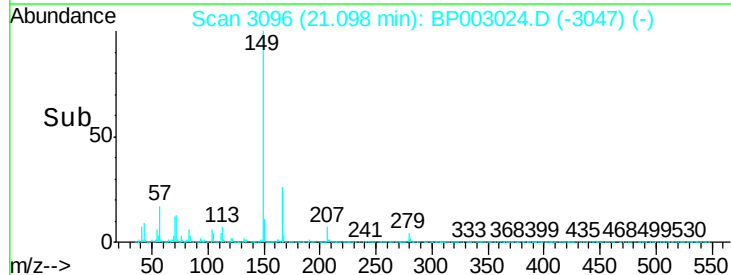
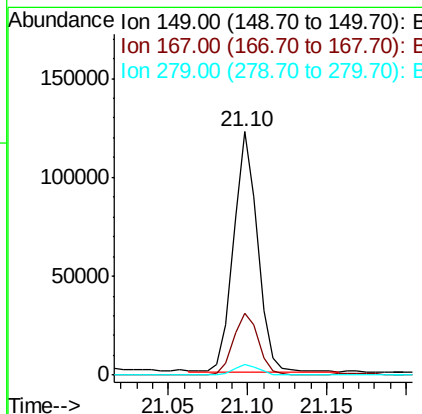
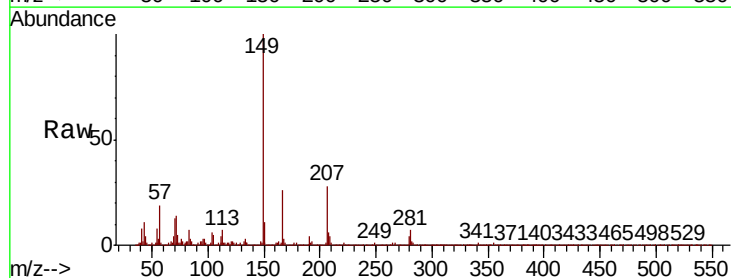
Instrument :
 BNA_P
 ClientSampleId :
 OK-01-081320

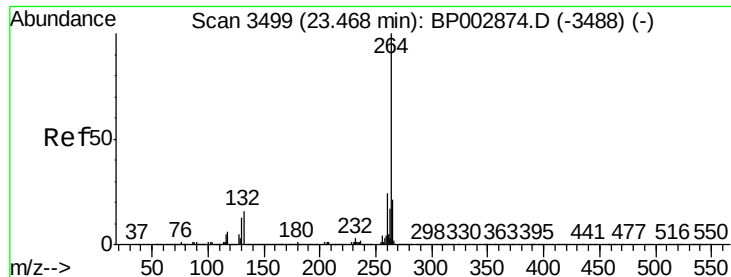
Tot Ion:149 Resp: 6212
 Ion Ratio Lower Upper
 149 100
 91 65.4 45.3 67.9
 206 20.5 17.5 26.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.248 ng
 RT: 21.10 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BP003024.D
 Acq: 18 Aug 2020 19:06

Tgt Ion:149 Resp: 128217
 Ion Ratio Lower Upper
 149 100
 167 25.6 22.9 34.3
 279 4.2 3.8 5.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003024.D
Acq: 18 Aug 2020 19:06

Instrument :
BNA_P
ClientSampleId :
OK-01-081320

Tot Ion:264 Resp: 1597814

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.3	25.9

