Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
Data File : BP002956.D
Acq On : 12 Aug 2020 19:03
Operator : CG/JU
Sample : L3639-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-J09

Quant Time: Aug 13 00:41:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 17:14:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	215725	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	907782	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	556642	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1217029	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1542643	20.00	ng	0.00
86) Perylene-d12	23.43	264	1915500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1204977	85.49	ng	0.00
7) Phenol-d6	6.87	99	1514418	77.39	ng	-0.01
23) Nitrobenzene-d5	8.84	82	809667	48.31	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	596232	86.18	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	2166295	53.17	ng	0.00
79) Terphenyl-d14	19.66	244	3139911	40.75	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.59	139	66	4.528	ng	# 1
32) Benzoic acid	9.77	122	130	7.699	ng	# 49
48) 2-Nitroaniline	13.39	65	103	3.982	ng	# 20
50) Dimethylphthalate	13.79	163	274475	6.304	ng	99
51) 2,6-Dinitrotoluene	13.89	165	447	2.942	ng	93
53) 3-Nitroaniline	14.22	138	33	3.276	ng	# 47
54) 2,4-Dinitrophenol	14.45	184	21	8.062	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	220	3.821	ng	# 77
62) 4-Nitroaniline	15.55	138	60	2.422	ng	89
65) 4,6-Dinitro-2-methylphenol	15.45	198	22	6.903	ng	# 1
80) Butylbenzylphthalate	20.34	149	1793	3.096	ng	# 54

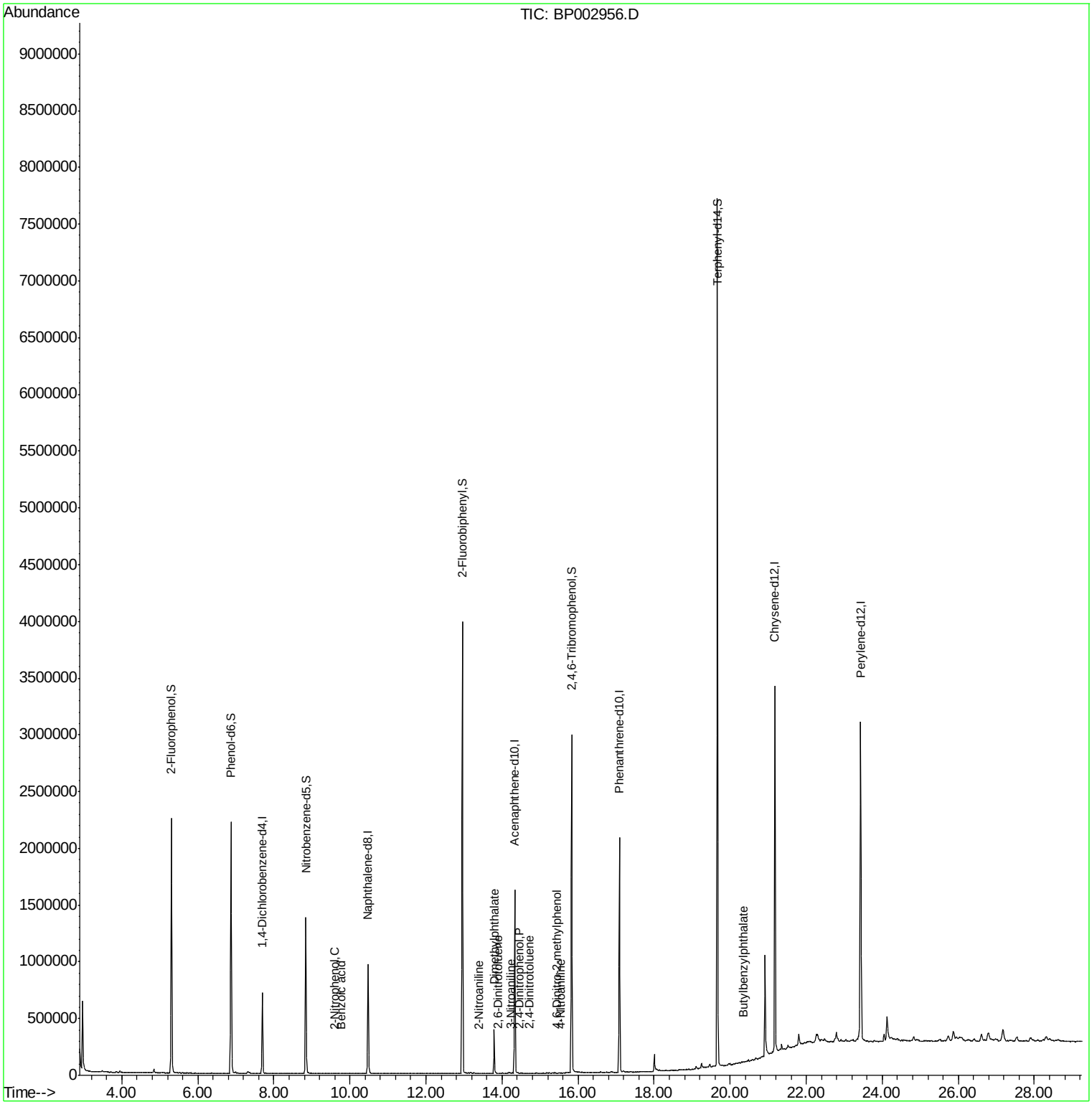
(#) = qualifier out of range (m) = manual integration (+) = signals summed

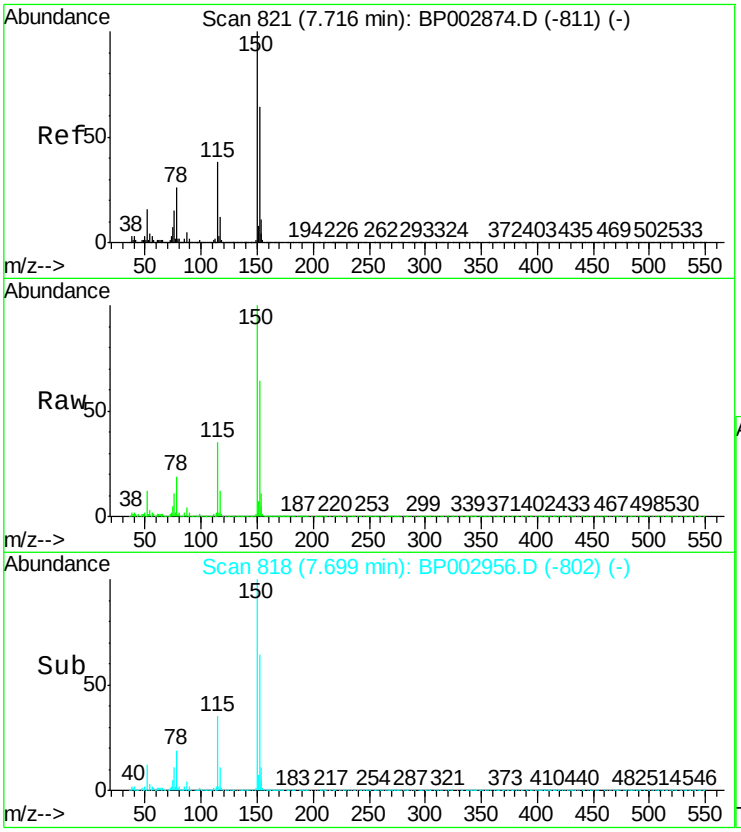
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
Data File : BP002956.D
Acq On : 12 Aug 2020 19:03
Operator : CG/JU
Sample : L3639-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-J09

Quant Time: Aug 13 00:41:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 17:14:14 2020
Response via : Initial Calibration



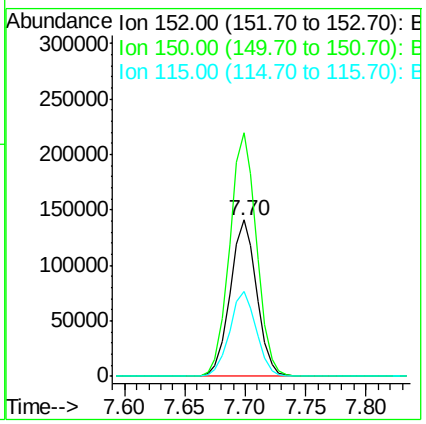


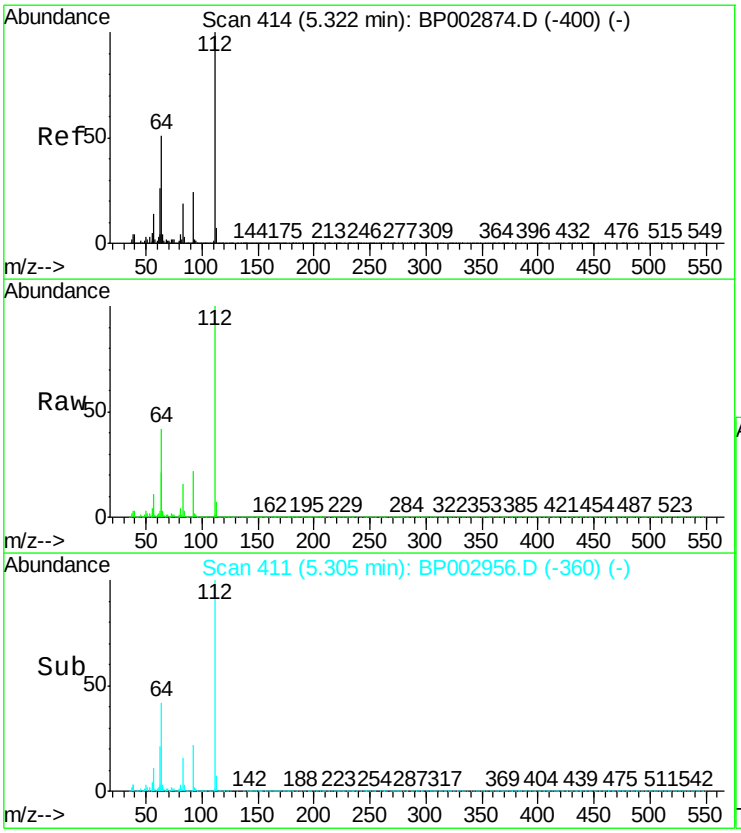
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Instrument :
BNA_P
ClientSampleId :
MH-J09

Tgt Ion:152 Resp: 215725

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.4
115	54.0	42.1	63.1

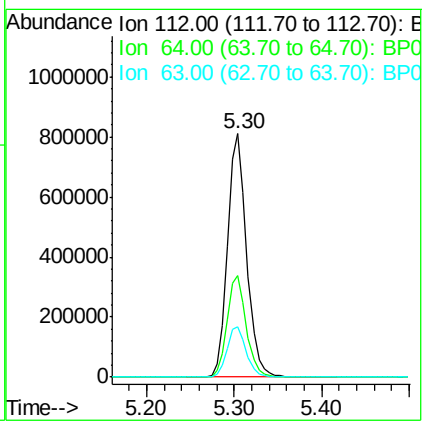


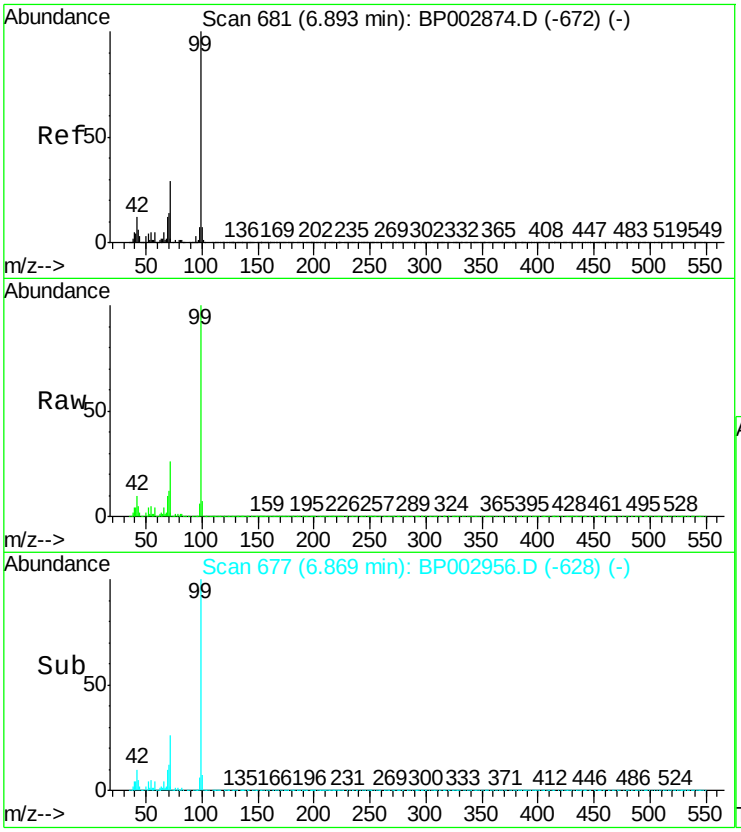


#5
2-Fluorophenol
Concen: 85.489 ng
RT: 5.30 min Scan# 411
Delta R.T. -0.00 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Tgt Ion:112 Resp: 1204977

Ion	Ratio	Lower	Upper
112	100		
64	41.6	33.8	50.8
63	20.8	17.2	25.8



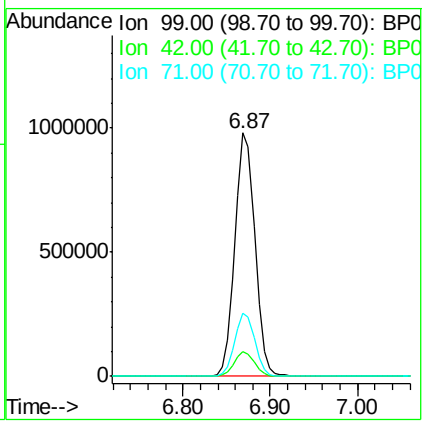


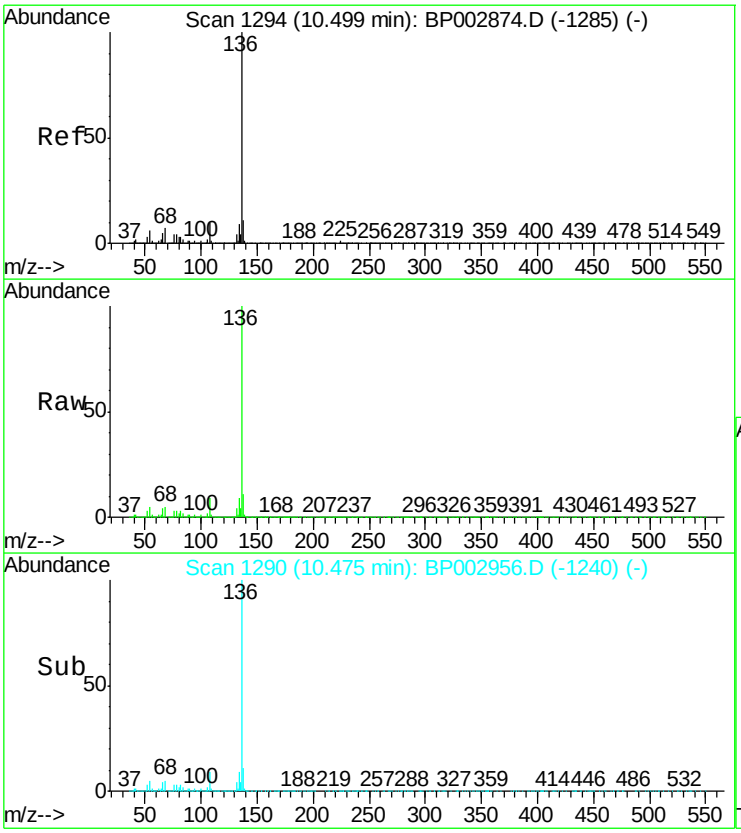
#7
Phenol-d6
Concen: 77.388 ng
RT: 6.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Instrument :
BNA_P
ClientSampleId :
MH-J09

Tgt Ion: 99 Resp: 1514418

Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.1	12.1
71	26.0	21.0	31.4

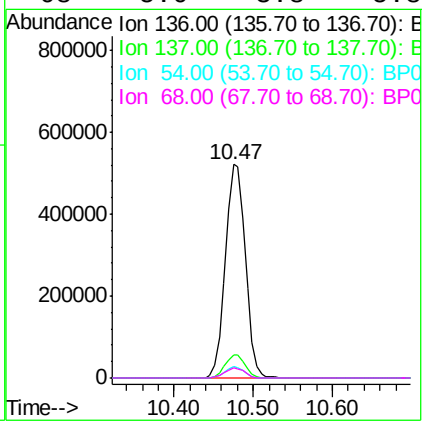


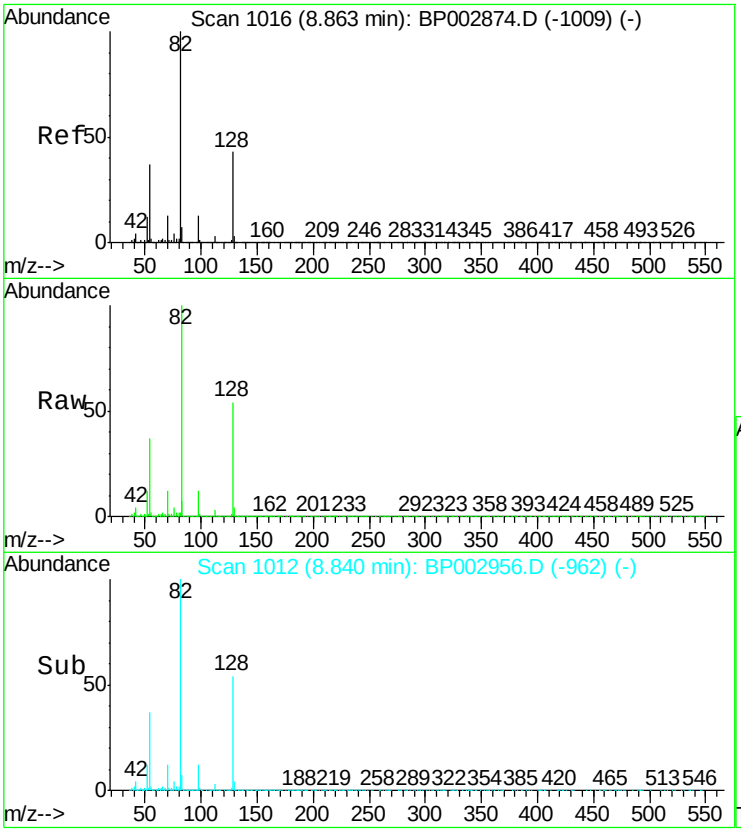


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Tgt Ion:136 Resp: 907782

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.2	3.9	5.9
68	5.0	3.8	5.8



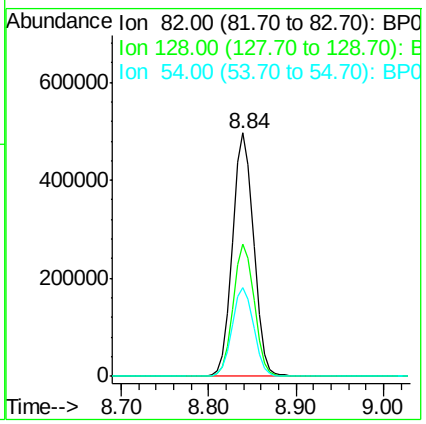


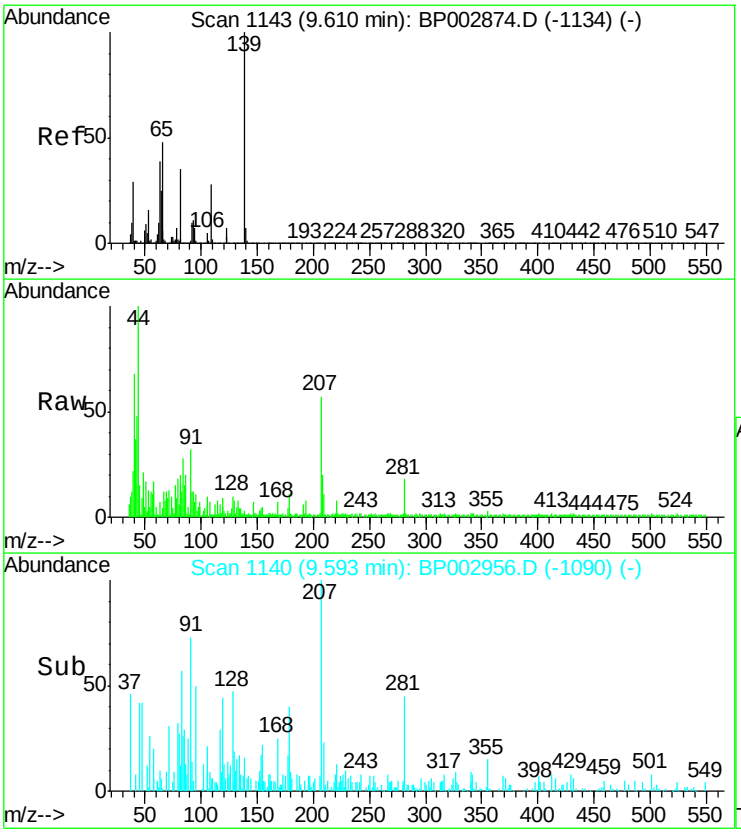
#23
Nitrobenzene-d5
Concen: 48.308 ng
RT: 8.84 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Instrument :
BNA_P
ClientSampleId :
MH-J09

Tgt Ion: 82 Resp: 809667

Ion	Ratio	Lower	Upper
82	100		
128	54.2	44.6	66.8
54	36.6	29.2	43.8

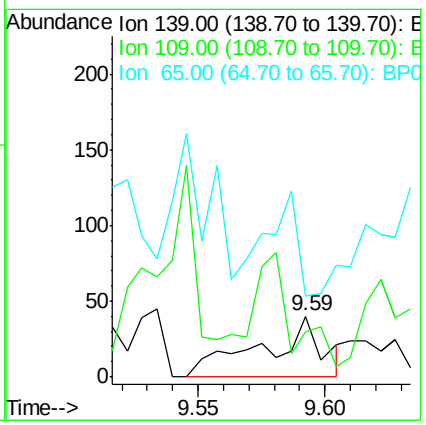


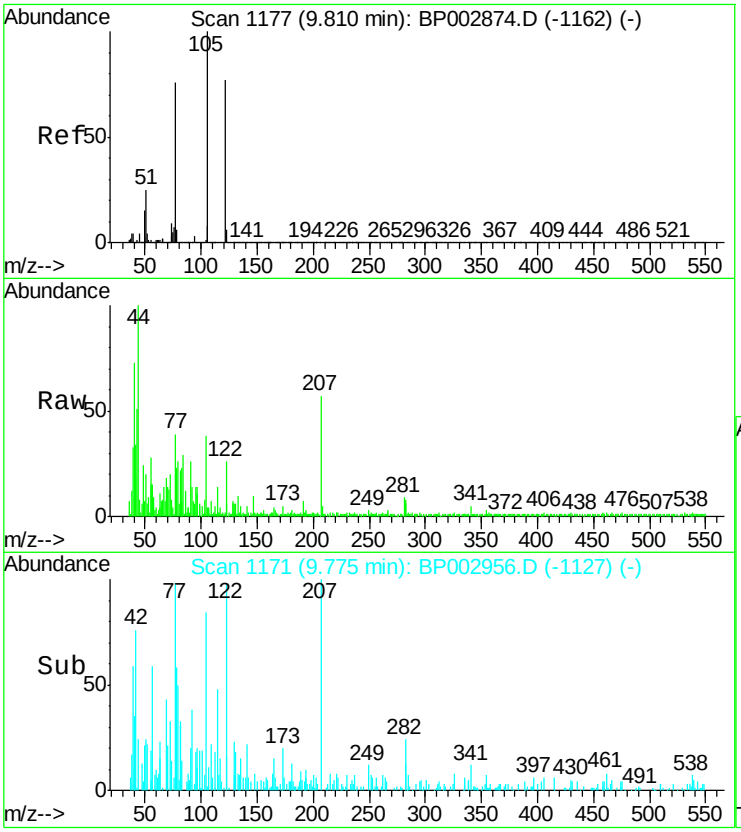


#26
2-Nitrophenol
Concen: 4.528 ng
RT: 9.59 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Tgt Ion:139 Resp: 66

Ion	Ratio	Lower	Upper
139	100		
109	75.0	19.5	29.3#
65	132.5	26.6	40.0#



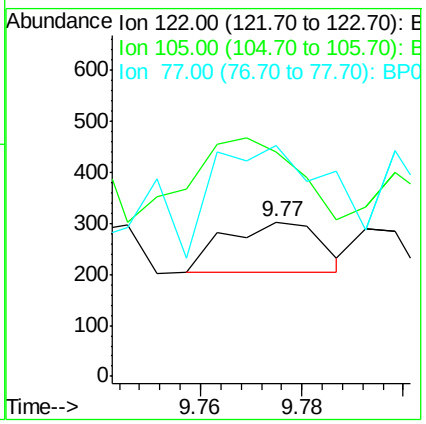


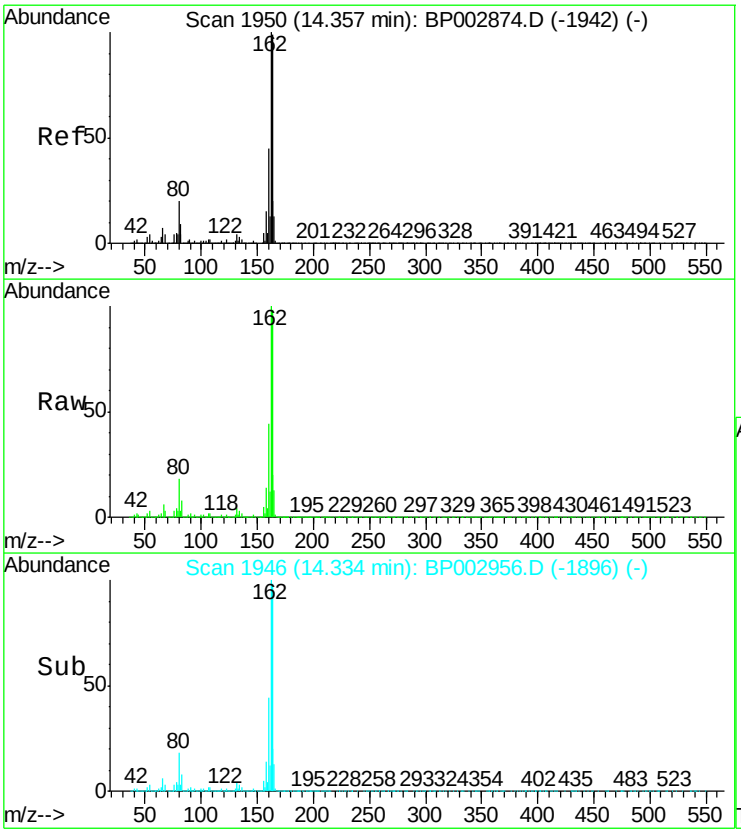
#32
Benzoic acid
Concen: 7.699 ng
RT: 9.77 min Scan# 1171
Delta R.T. -0.04 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Instrument :
BNA_P
ClientSampleId :
MH-J09

Tgt Ion:122 Resp: 130

Ion	Ratio	Lower	Upper
122	100		
105	145.7	95.8	135.8#
77	149.7	54.7	94.7#

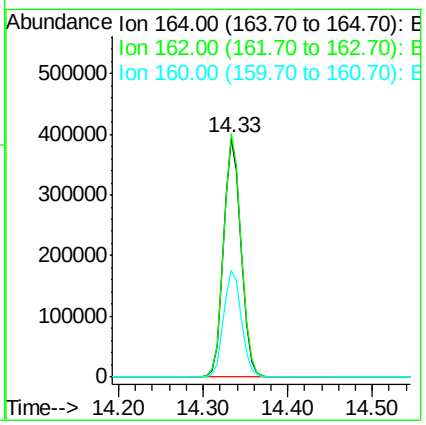


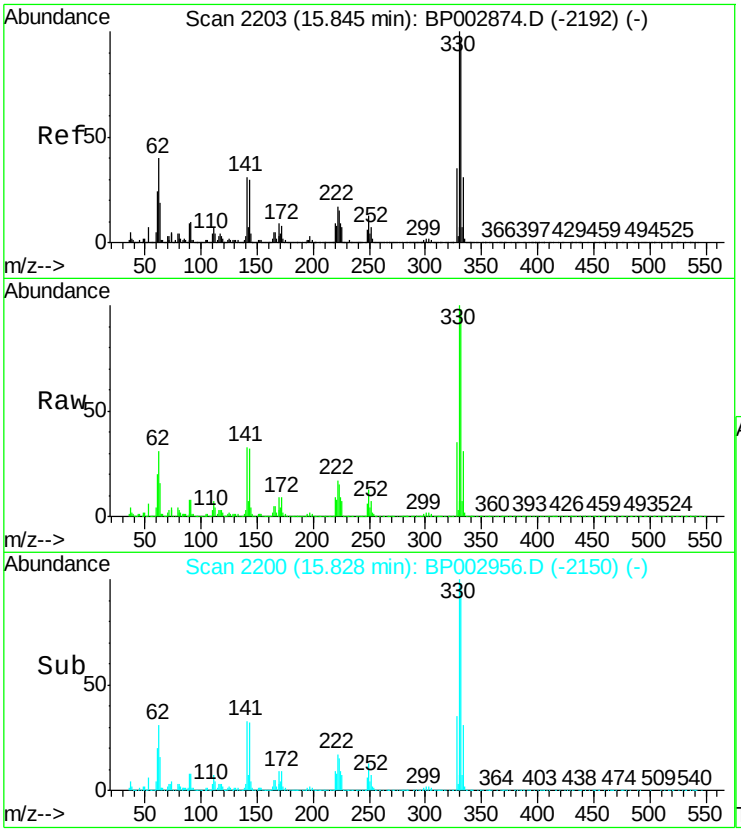


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Tgt Ion:164 Resp: 556642

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.0	121.4
160	44.6	36.2	54.4



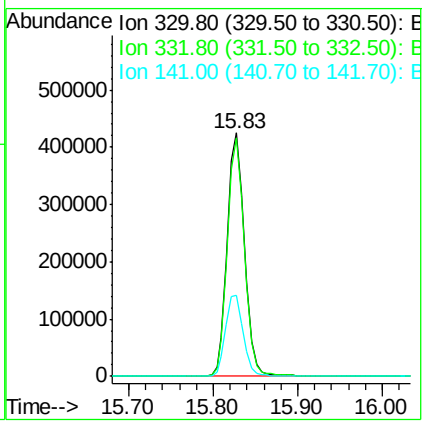


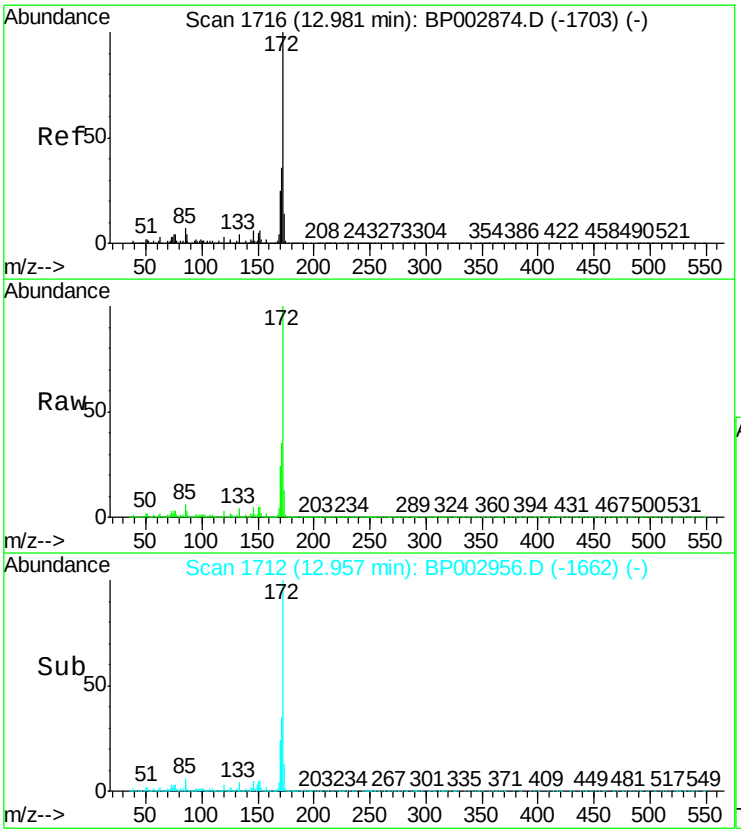
#42
2,4,6-Tribromophenol
Concen: 86.180 ng
RT: 15.83 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Instrument :
BNA_P
ClientSampleId :
MH-J09

Tgt Ion:330 Resp: 596232

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.4
141	34.6	28.6	43.0

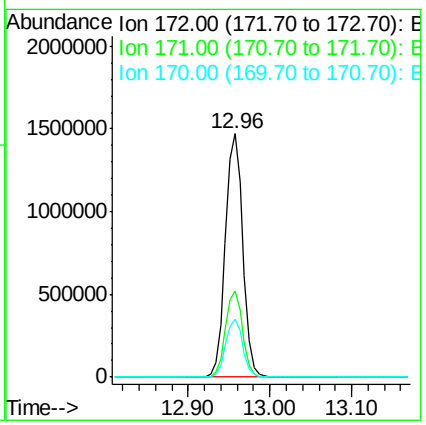


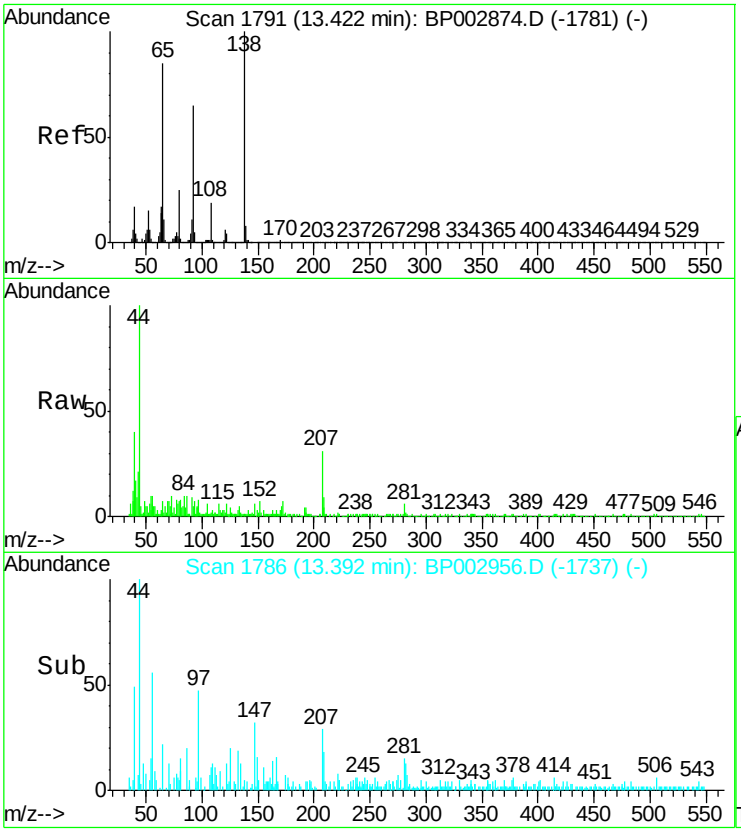


#45
2-Fluorobiphenyl
Concen: 53.172 ng
RT: 12.96 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Tgt Ion:172 Resp: 2166295

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.6	19.6	29.4



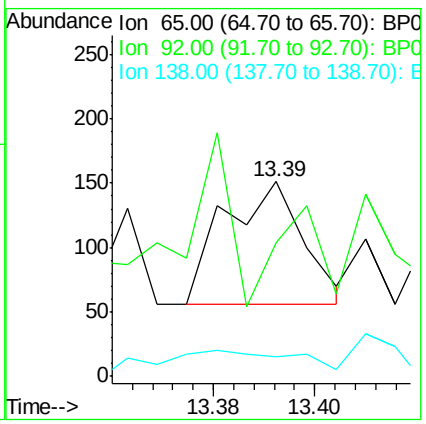


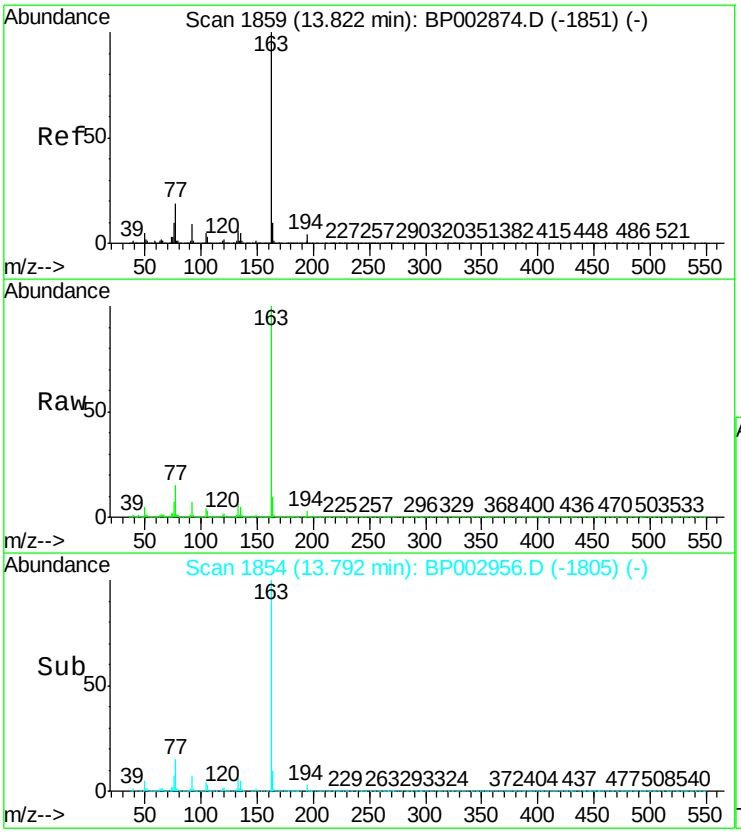
#48
2-Nitroaniline
Concen: 3.982 ng
RT: 13.39 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Instrument :
BNA_P
ClientSampleId :
MH-J09

Tgt Ion: 65 Resp: 103

Ion	Ratio	Lower	Upper
65	100		
92	68.9	69.6	104.4#
138	9.9	125.6	188.4#

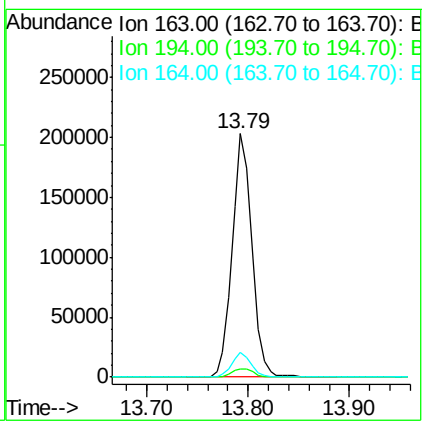


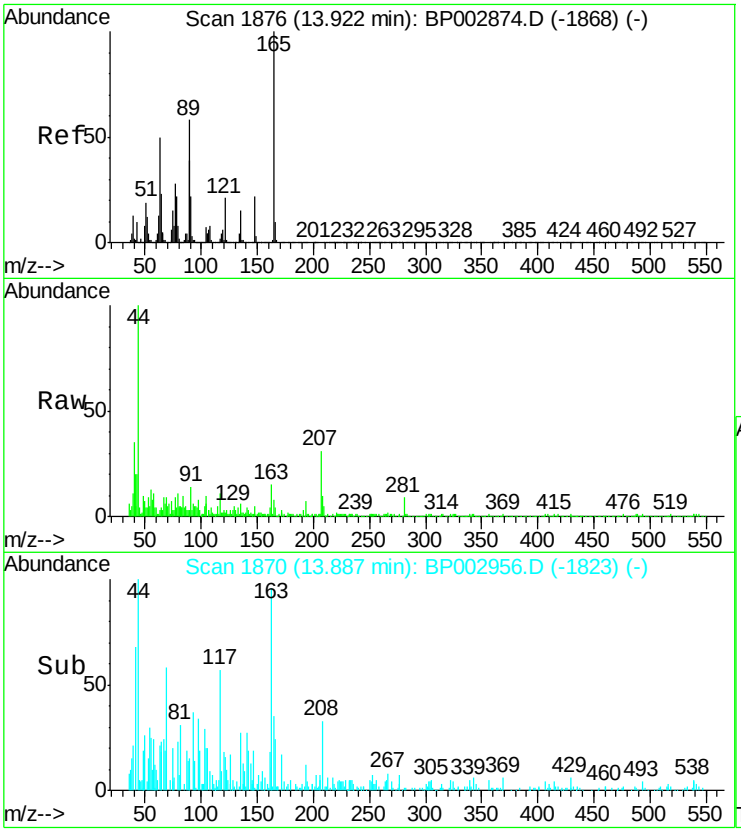


#50
Dimethylphthalate
Concen: 6.304 ng
RT: 13.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Tgt Ion:163 Resp: 274475

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.4	5.0
164	10.1	8.2	12.4



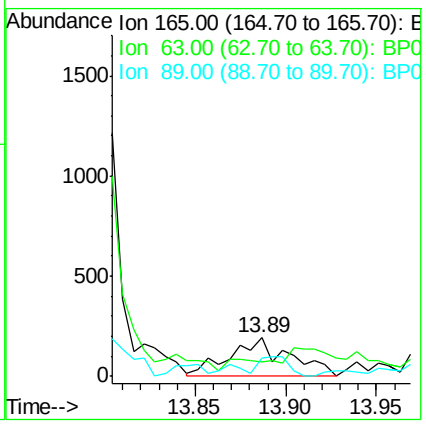


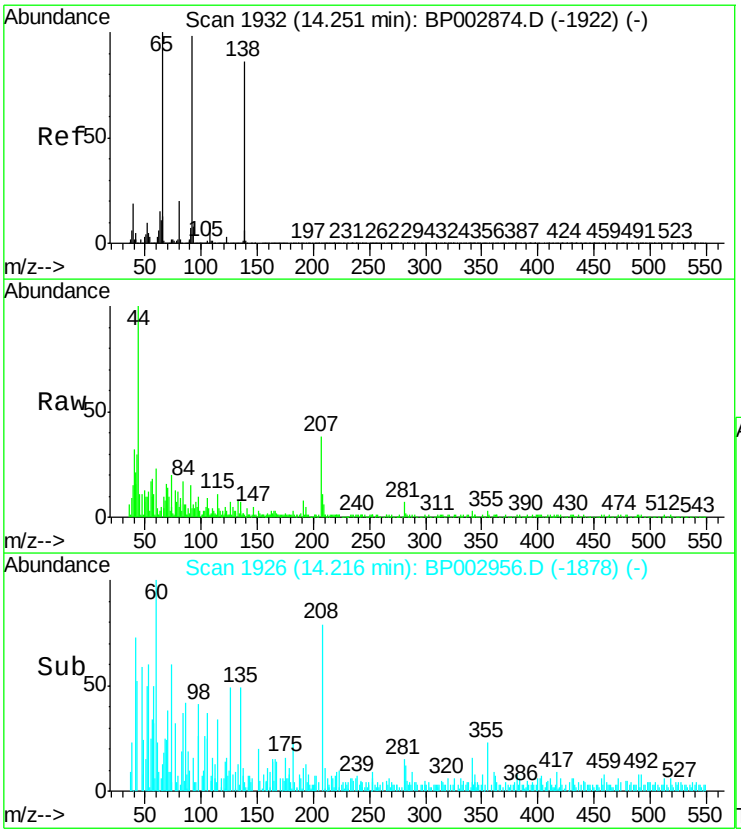
#51
2,6-Dinitrotoluene
Concen: 2.942 ng
RT: 13.89 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Instrument :
BNA_P
ClientSampleId :
MH-J09

Tgt Ion:165 Resp: 447

Ion	Ratio	Lower	Upper
165	100		
63	39.1	27.5	41.3
89	47.9	35.3	52.9

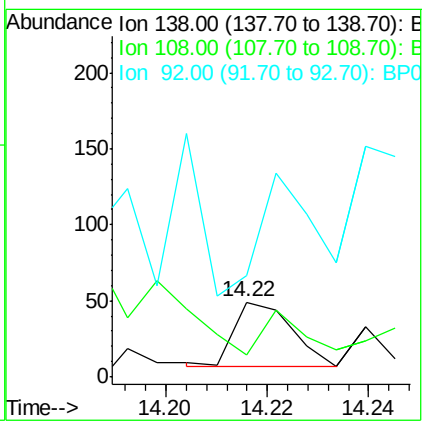


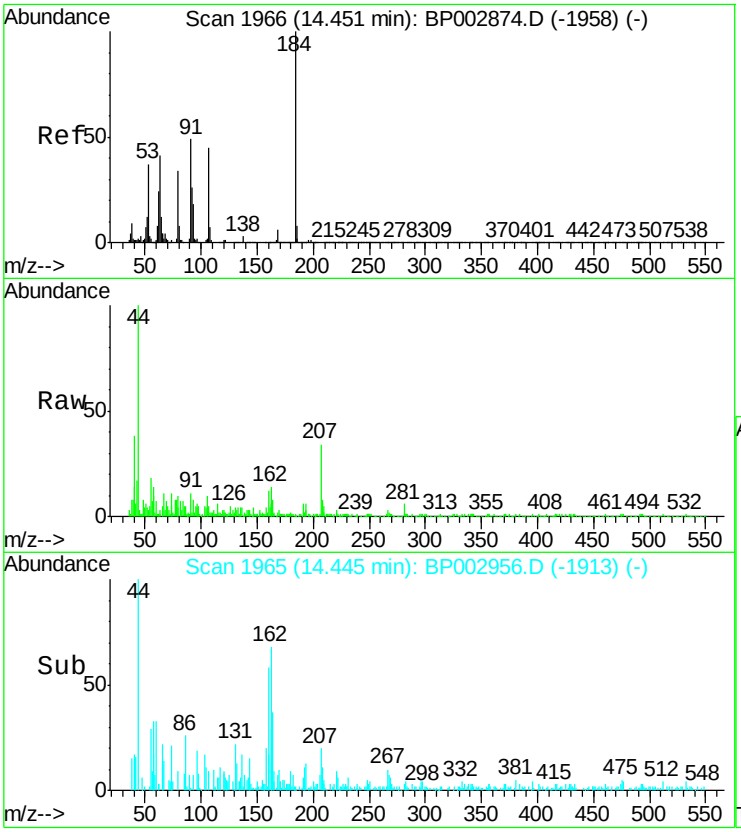


#53
3-Nitroaniline
Concen: 3.276 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Tgt Ion:138 Resp: 33

Ion	Ratio	Lower	Upper
138	100		
108	63.3	7.2	10.8#
92	136.7	75.8	113.6#



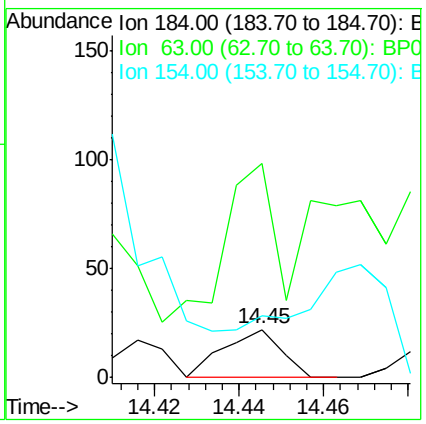


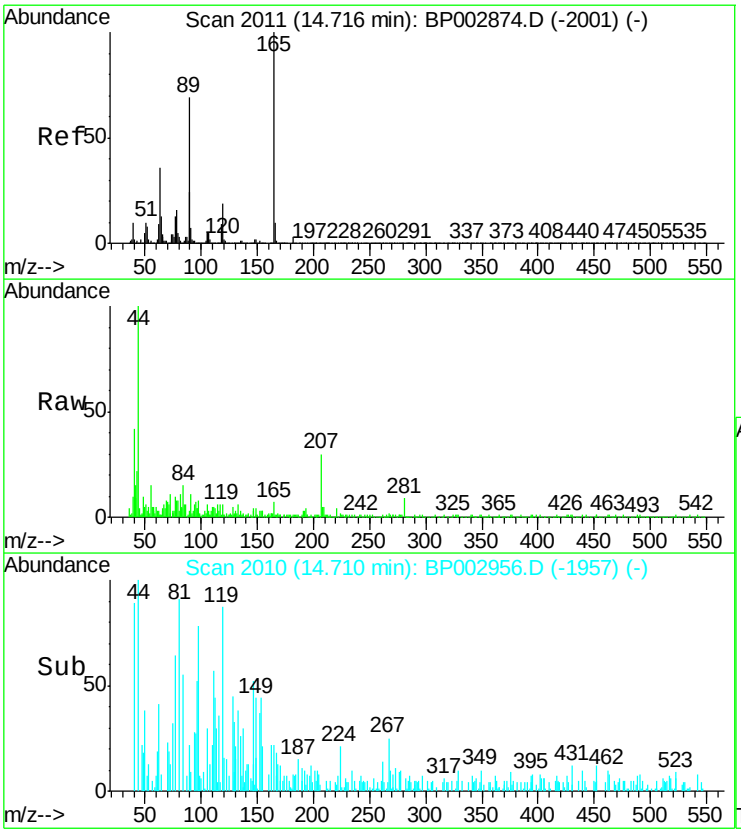
#54
2,4-Dinitrophenol
Concen: 8.062 ng
RT: 14.45 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Instrument :
BNA_P
ClientSampleId :
MH-J09

Tgt Ion:184 Resp: 21

Ion	Ratio	Lower	Upper
184	100		
63	297.0	36.4	54.6#
154	221.2	46.6	69.8#

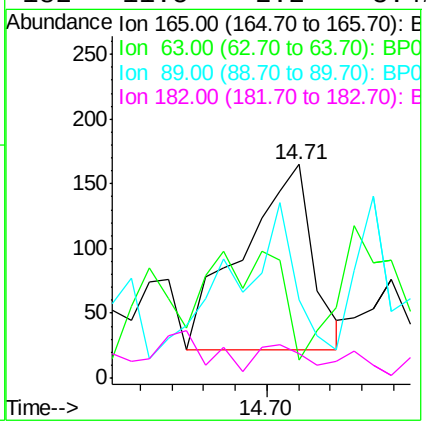


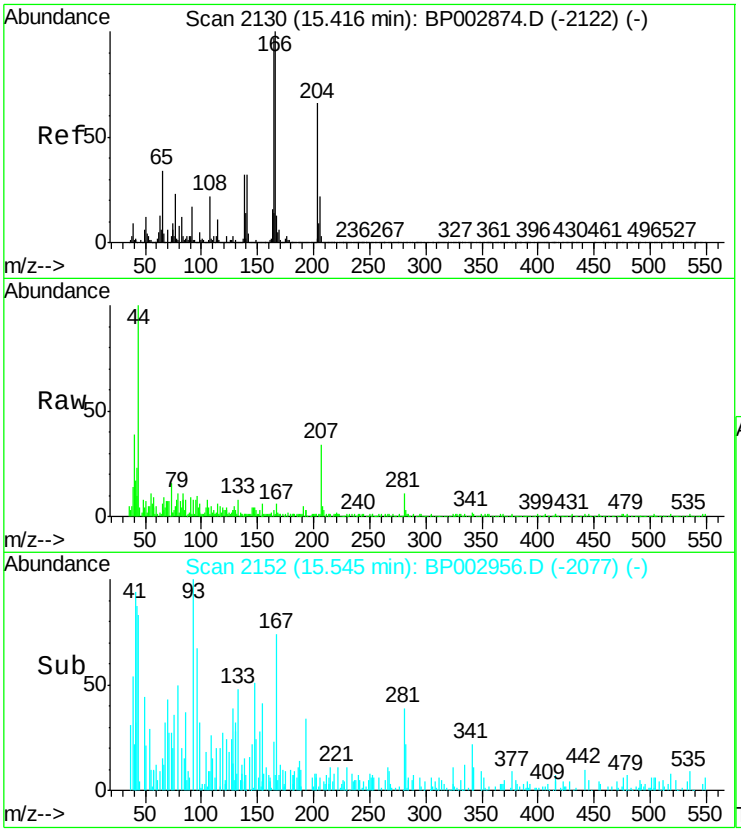


#57
2,4-Dinitrotoluene
Concen: 3.821 ng
RT: 14.71 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Tgt Ion:165 Resp: 220

Ion	Ratio	Lower	Upper
165	100		
63	21.8	22.6	34.0#
89	36.4	46.2	69.2#
182	11.5	2.2	3.4#



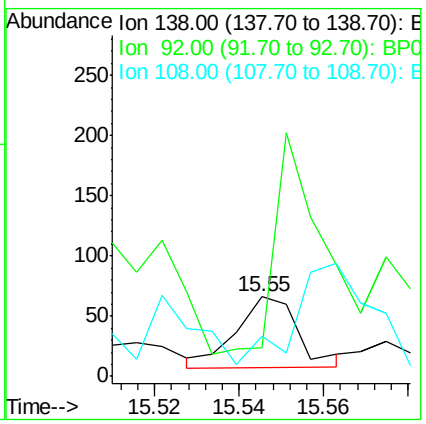


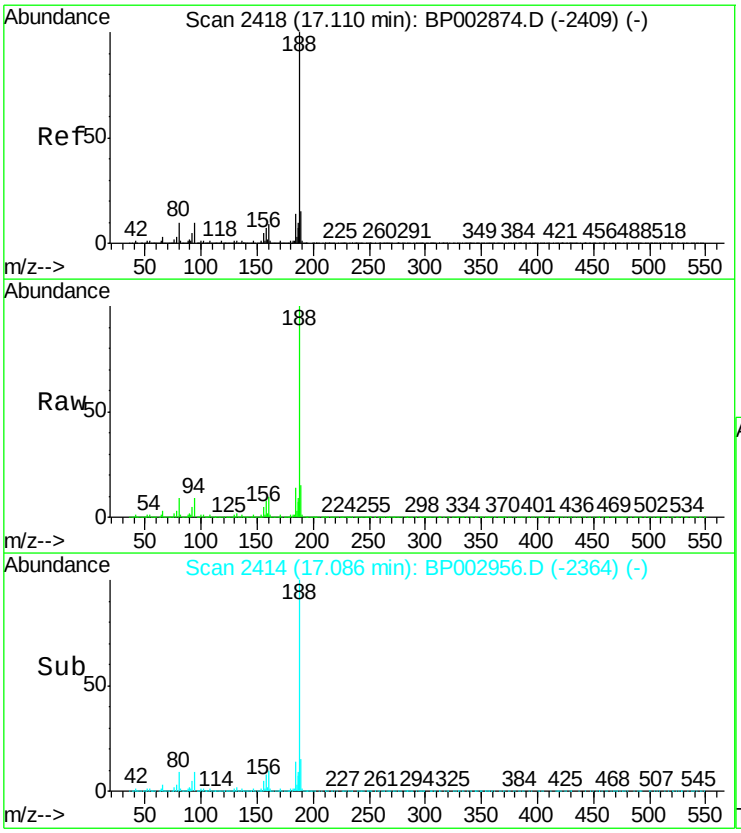
#62
4-Nitroaniline
Concen: 2.422 ng
RT: 15.55 min Scan# 2152
Delta R.T. 0.14 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Instrument :
BNA_P
ClientSampleId :
MH-J09

Tgt Ion:138 Resp: 60

Ion	Ratio	Lower	Upper
138	100		
92	36.4	21.2	61.2
108	50.0	40.5	80.5

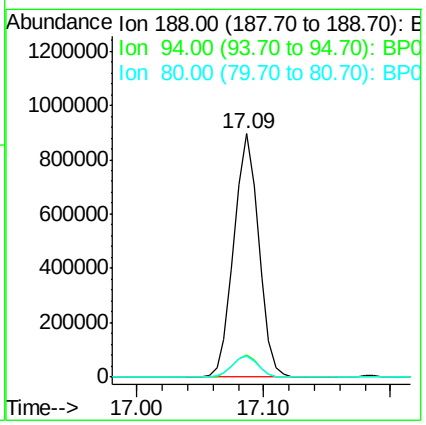


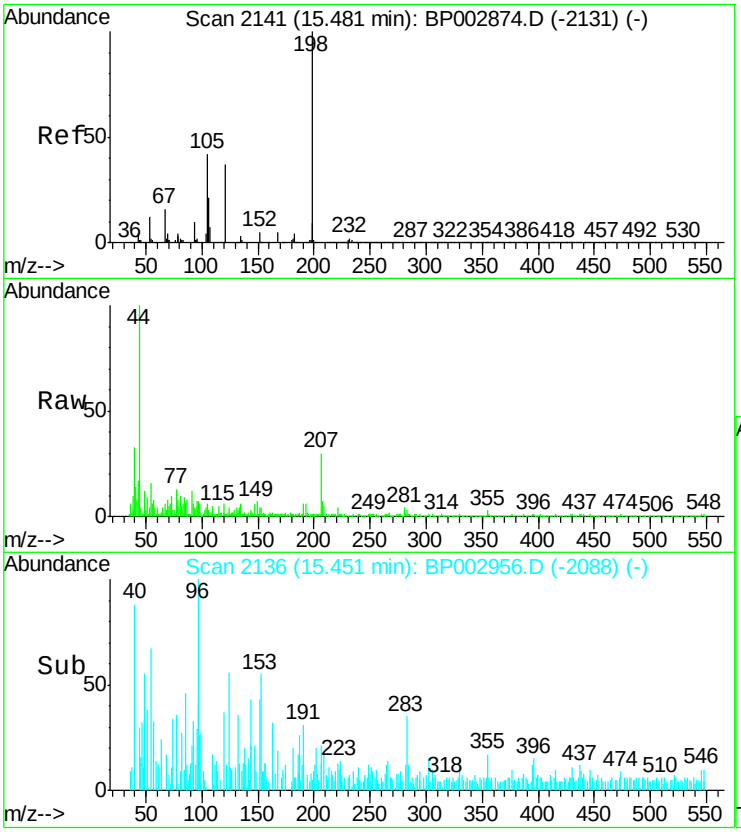


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Tgt Ion:188 Resp: 1217029

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	8.8	7.0	10.6



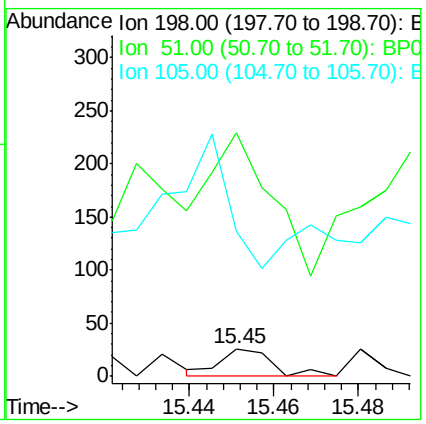


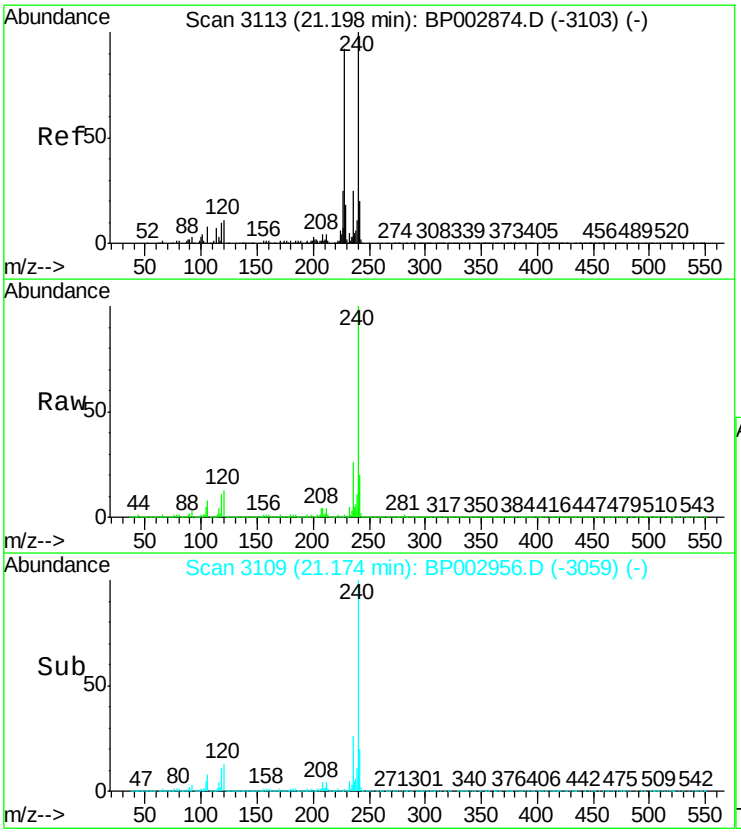
#65
4,6-Dinitro-2-methylphenol
Concen: 6.903 ng
RT: 15.45 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Instrument :
BNA_P
ClientSampleId :
MH-J09

Tgt Ion:198 Resp: 22

Ion	Ratio	Lower	Upper
198	100		
51	880.8	6.5	46.5#
105	526.9	20.4	60.4#

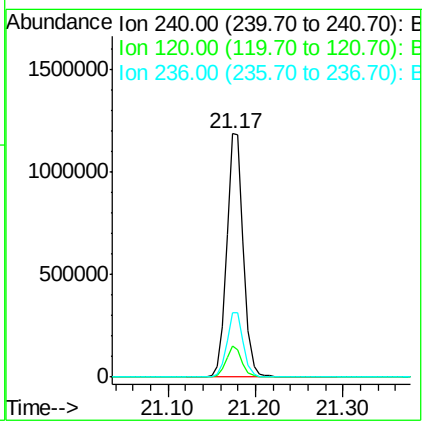


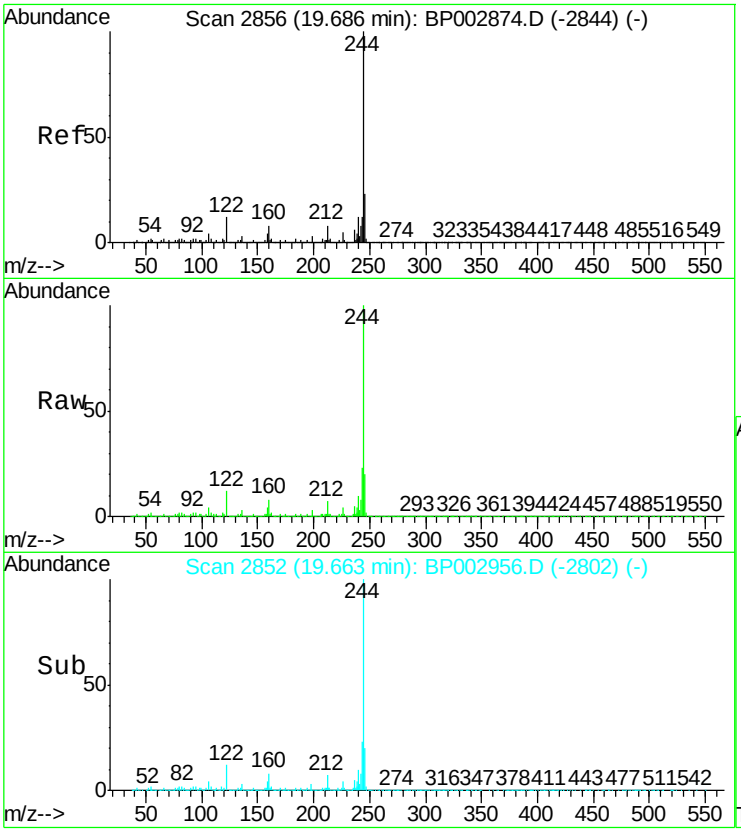


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Tgt Ion:240 Resp: 1542643

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.6	16.0
236	26.2	20.7	31.1



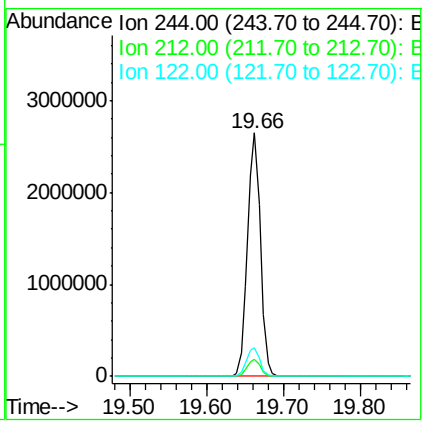


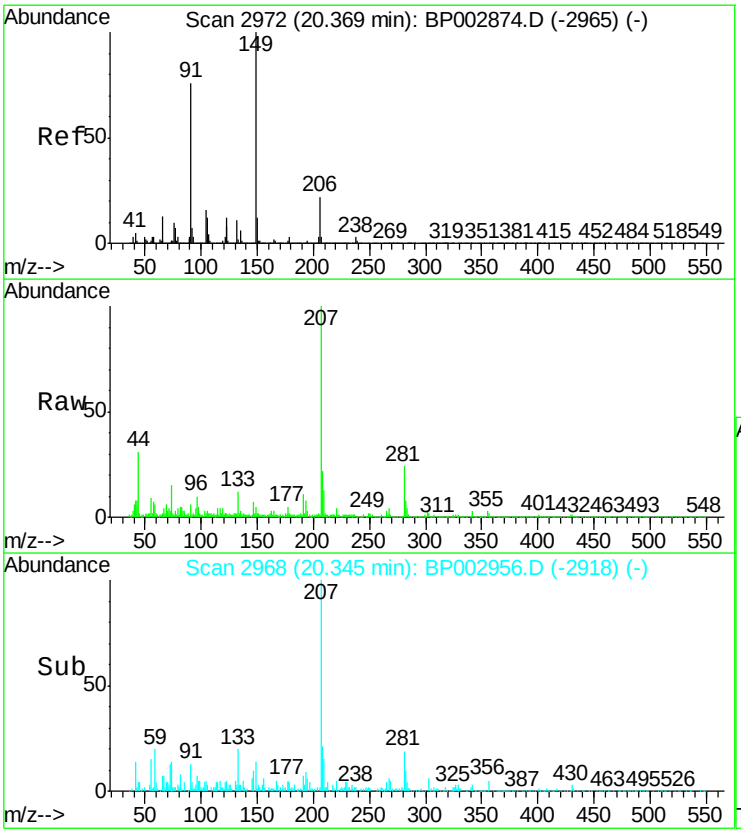
#79
Terphenyl-d14
Concen: 40.748 ng
RT: 19.66 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Instrument :
BNA_P
ClientSampleId :
MH-J09

Tgt Ion:244 Resp: 3139911

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	11.9	9.9	14.9

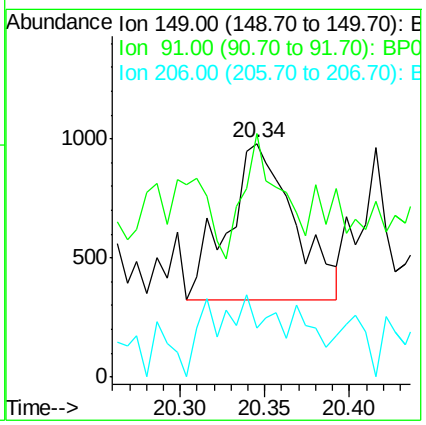


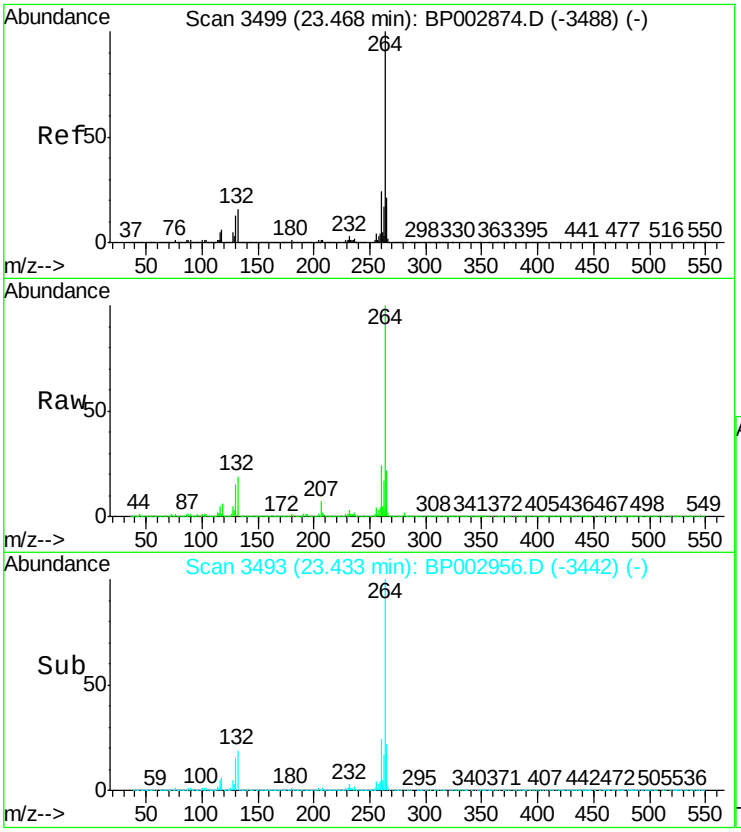


#80
Butylbenzylphthalate
Concen: 3.096 ng
RT: 20.34 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Tgt Ion:149 Resp: 1793

Ion	Ratio	Lower	Upper
149	100		
91	104.3	46.5	69.7#
206	21.0	17.2	25.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BP002956.D
Acq: 12 Aug 2020 19:03

Instrument :
BNA_P
ClientSampleId :
MH-J09

Tgt Ion:264 Resp: 1915500

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.6	17.6	26.4