Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
Data File : BP003070.D
Acq On : 20 Aug 2020 17:56
Operator : CG/JU
Sample : L3502-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-081920

Quant Time: Aug 20 18:33:26 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	173327	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	688436	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	413940	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	845050	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1038223	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1487851	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1169355	103.26	ng	0.00
7) Phenol-d6	6.86	99	1250466	79.53	ng	-0.01
23) Nitrobenzene-d5	8.82	82	882227	69.41	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	702270	136.50	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	2511088	82.88	ng	-0.01
79) Terphenyl-d14	19.65	244	3852936	74.29	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.96	88	13273	2.730	ng	# 1
26) 2-Nitrophenol	9.57	139	17	4.523	ng	# 20
32) Benzoic acid	9.91	122	252	7.719	ng	89
48) 2-Nitroaniline	13.36	65	51	3.979	ng	# 11
51) 2,6-Dinitrotoluene	13.87	165	260	2.933	ng	# 70
53) 3-Nitroaniline	14.22	138	17	3.276	ng	# 1
54) 2,4-Dinitrophenol	14.40	184	46	8.071	ng	# 1
57) 2,4-Dinitrotoluene	14.67	165	163	3.821	ng	# 65
62) 4-Nitroaniline	15.40	138	48	2.422	ng	83
65) 4,6-Dinitro-2-methylphenol	15.43	198	33	6.907	ng	# 1
80) Butylbenzylphthalate	20.33	149	1896	3.118	ng	# 94

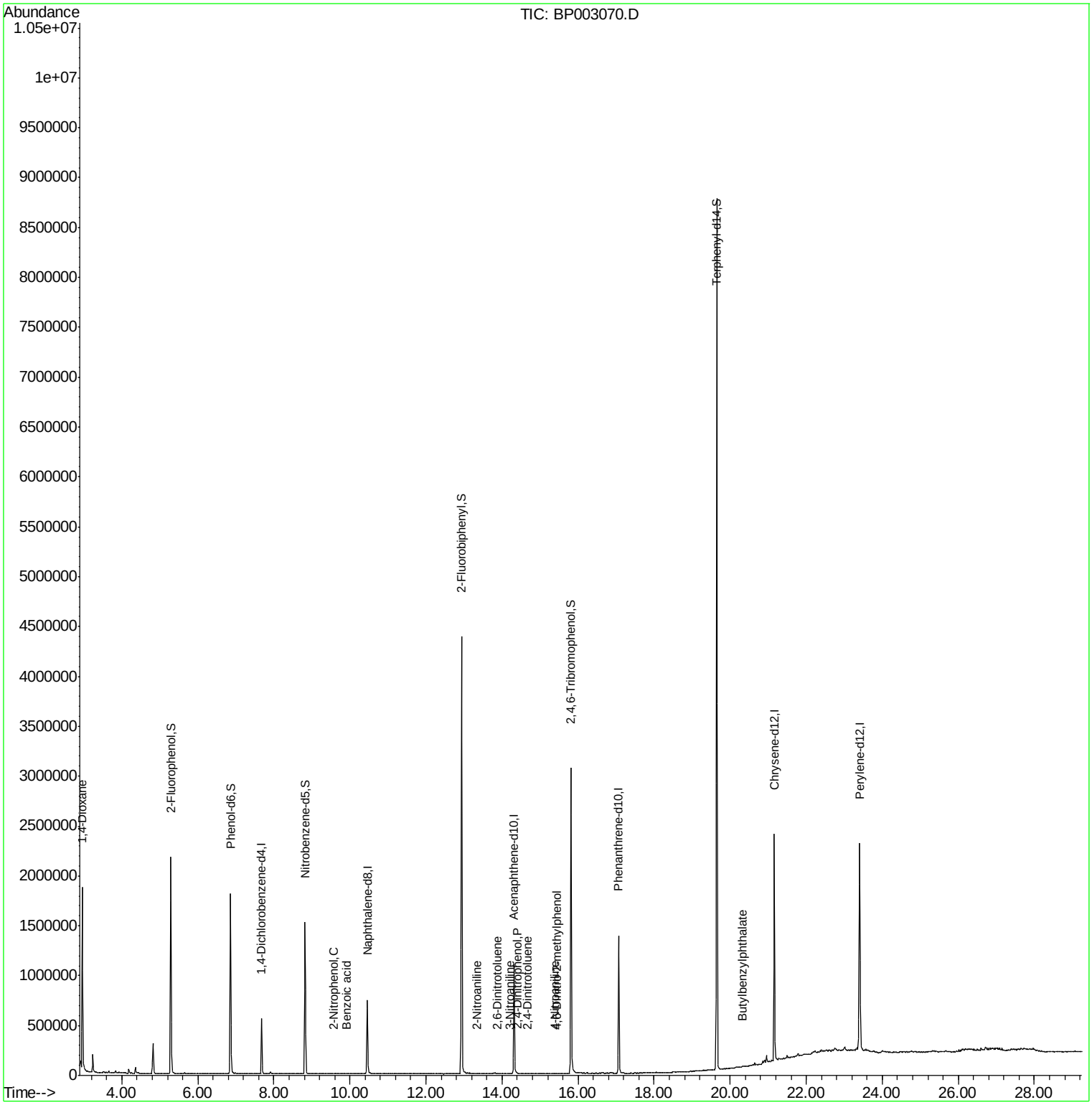
(#) = qualifier out of range (m) = manual integration (+) = signals summed

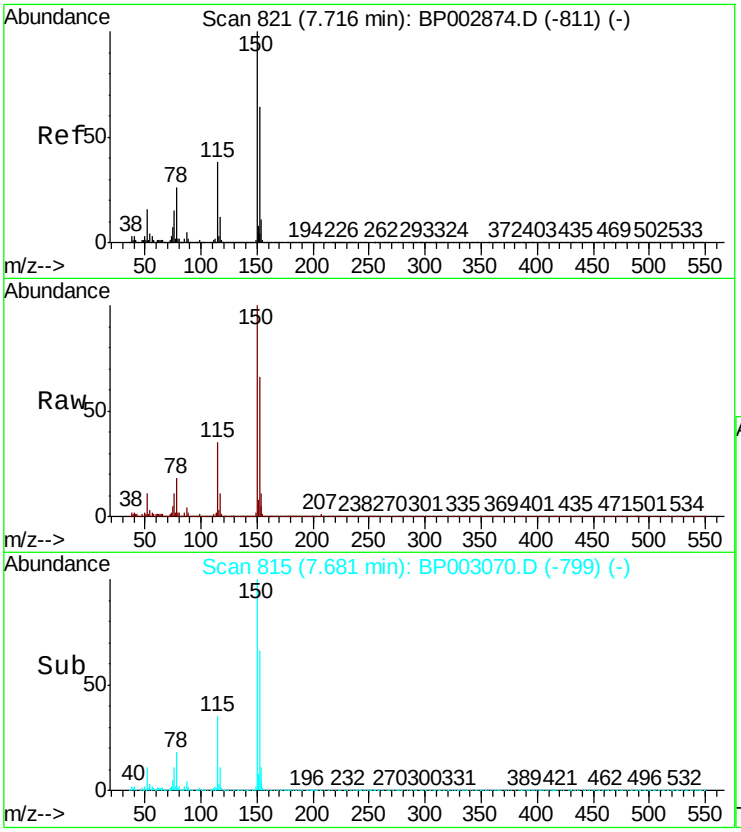
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
Data File : BP003070.D
Acq On : 20 Aug 2020 17:56
Operator : CG/JU
Sample : L3502-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-081920

Quant Time: Aug 20 18:33:26 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



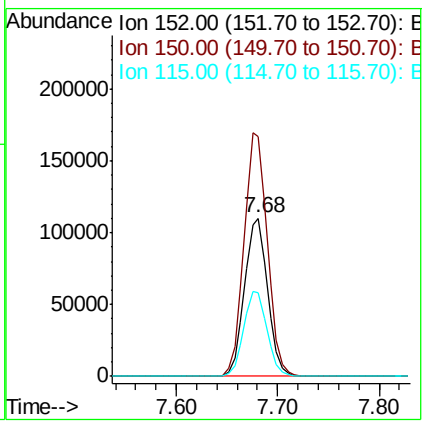


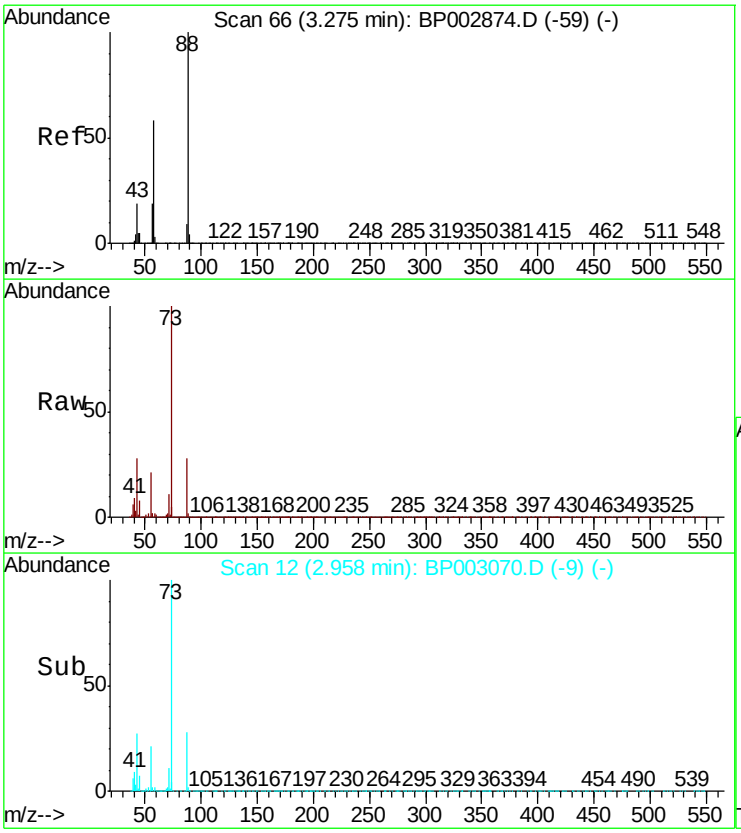
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Instrument :
BNA_P
ClientSampleId :
OK-02-081920

Tgt Ion:152 Resp: 173327

Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.1	189.1
115	53.2	43.4	65.2

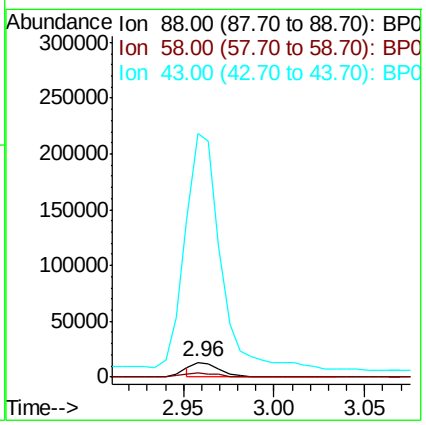


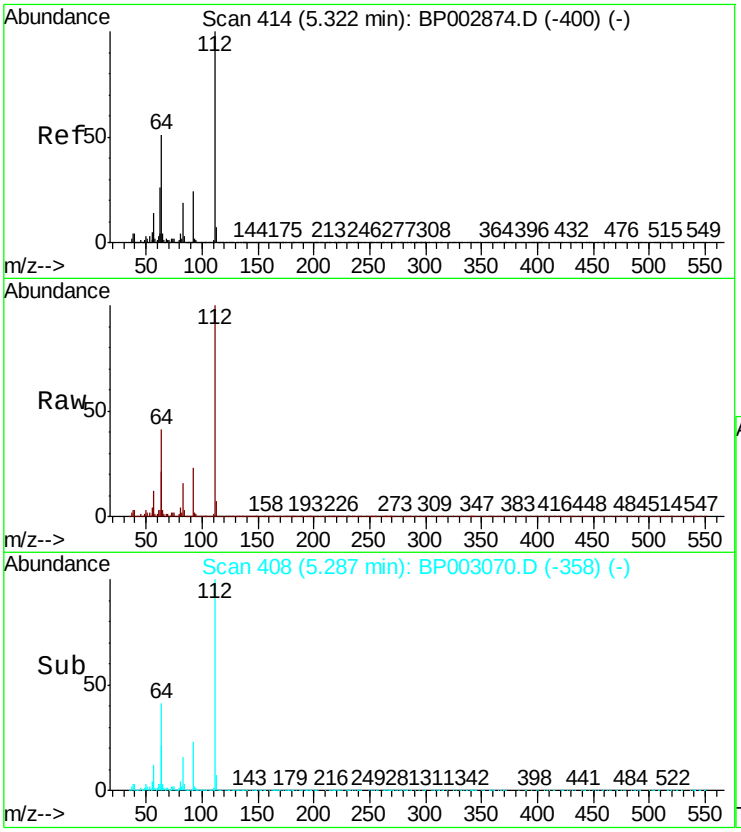


#2
1,4-Dioxane
Concen: 2.730 ng
RT: 2.96 min Scan# 12
Delta R.T. -0.28 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Tgt Ion: 88 Resp: 13273

Ion	Ratio	Lower	Upper
88	100		
58	21.0	44.5	66.7#
43	1707.2	14.5	21.7#



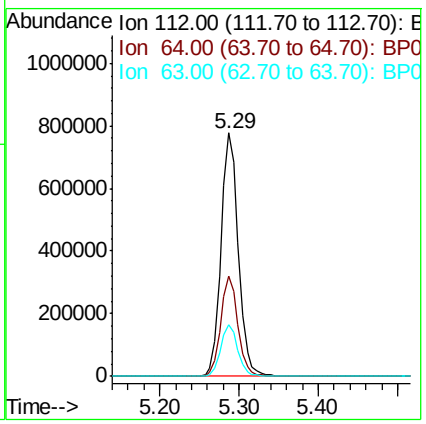


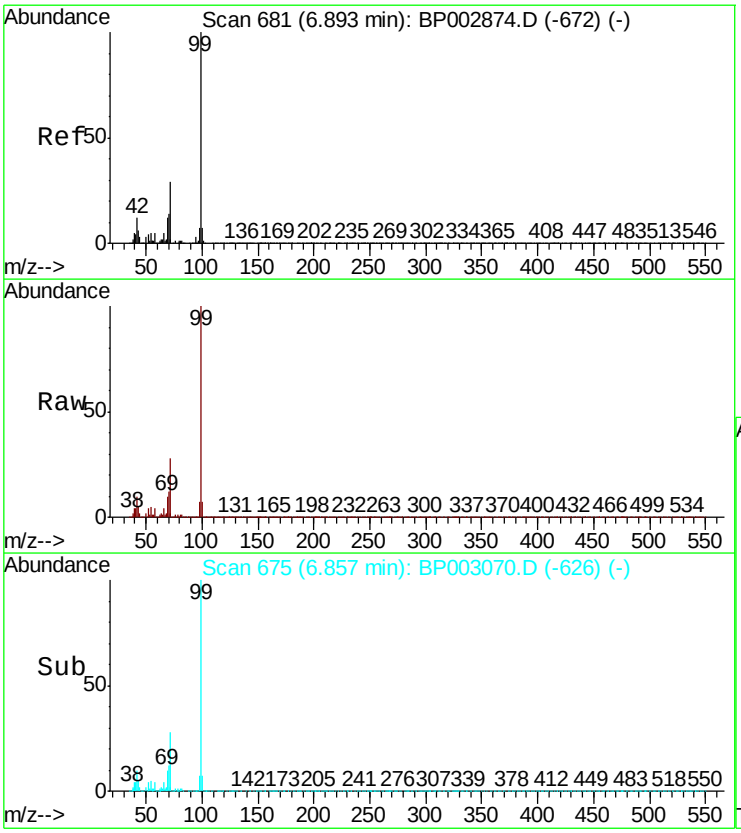
#5
2-Fluorophenol
Concen: 103.255 ng
RT: 5.29 min Scan# 408
Delta R.T. -0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Instrument :
BNA_P
ClientSampleId :
OK-02-081920

Tgt Ion:112 Resp: 1169355

Ion	Ratio	Lower	Upper
112	100		
64	41.3	33.4	50.2
63	21.0	17.4	26.0

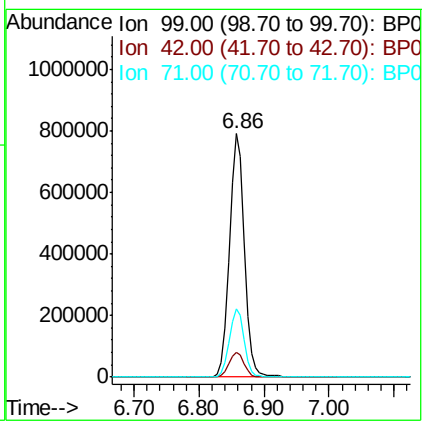


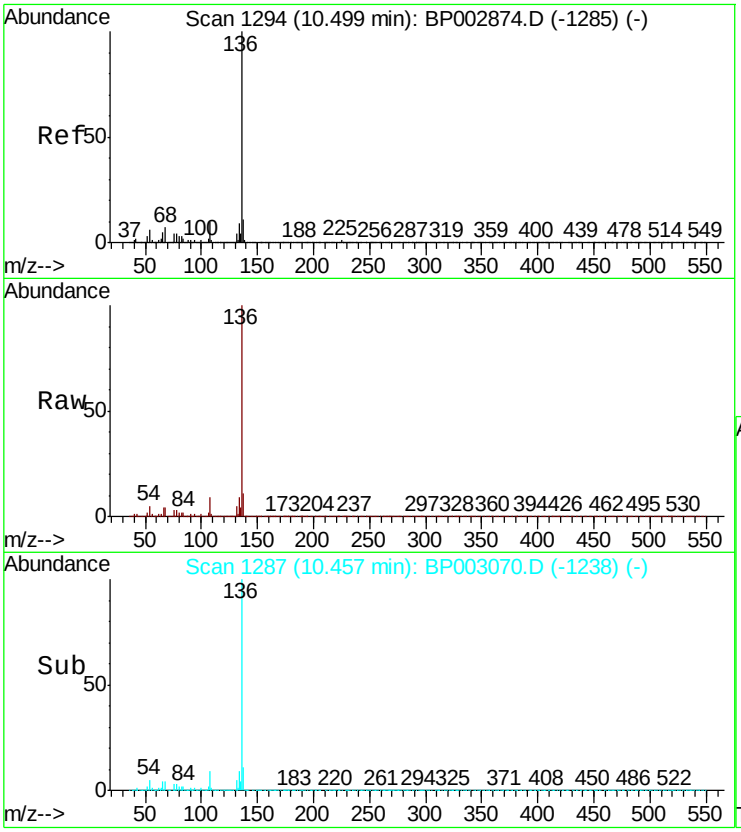


#7
Phenol-d6
Concen: 79.530 ng
RT: 6.86 min Scan# 675
Delta R.T. -0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Tgt Ion: 99 Resp: 1250466

Ion	Ratio	Lower	Upper
99	100		
42	10.3	8.0	12.0
71	28.1	21.3	31.9



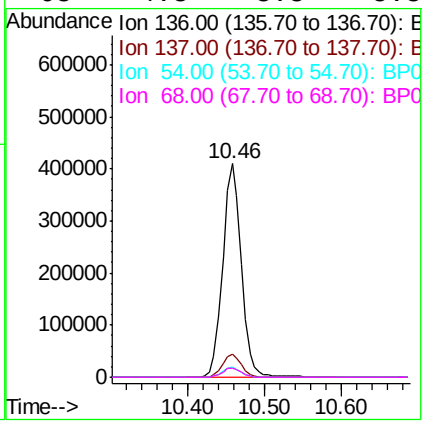


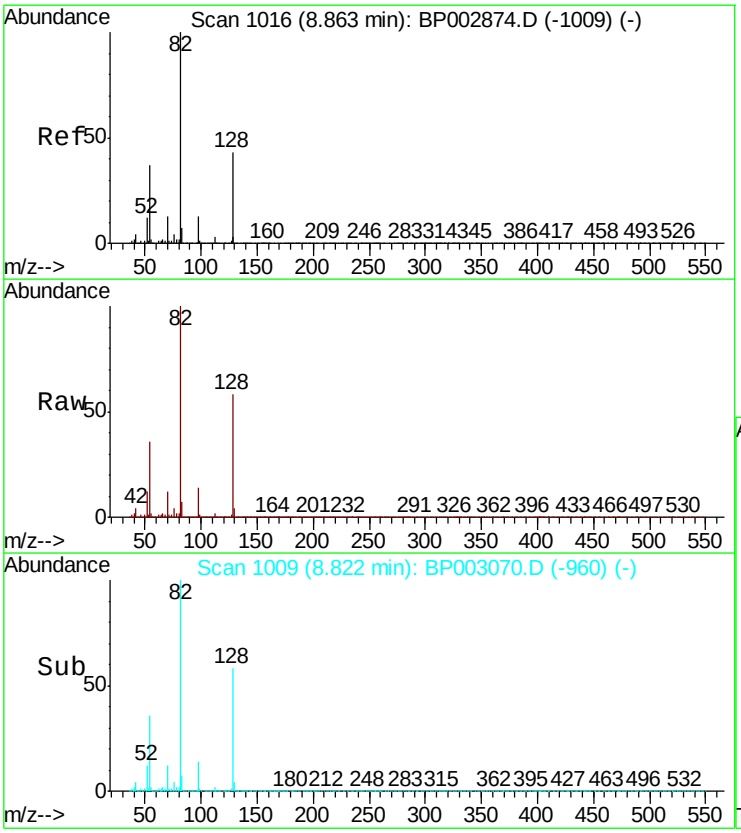
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Instrument :
BNA_P
ClientSampleId :
OK-02-081920

Tgt Ion:136 Resp: 688436

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	4.6	3.8	5.8
68	4.3	3.8	5.8

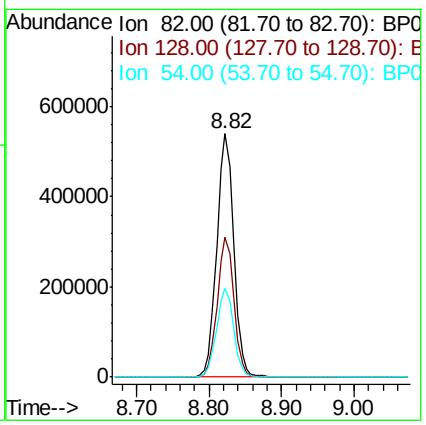


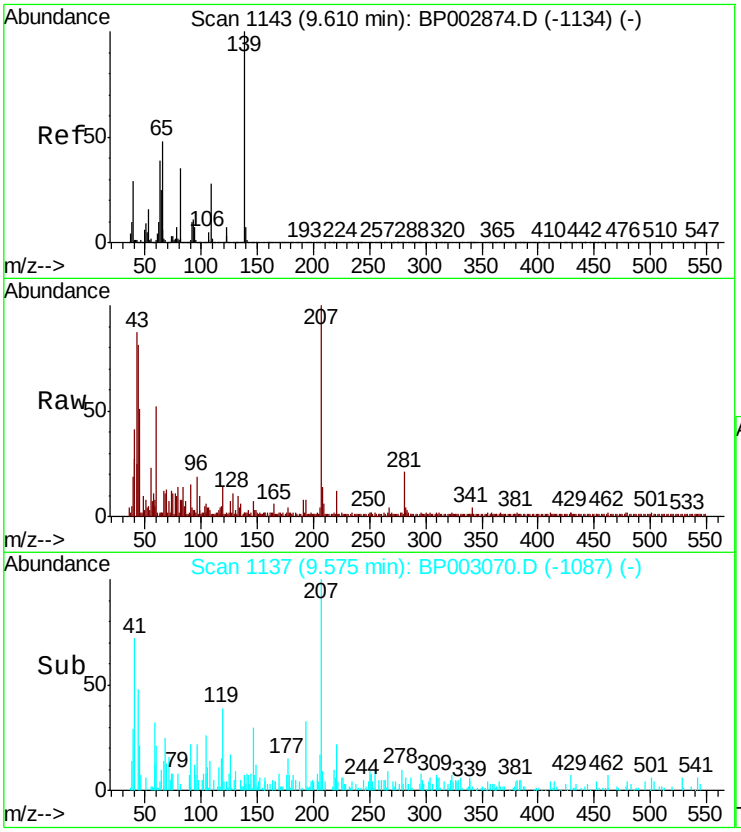


#23
Nitrobenzene-d5
Concen: 69.409 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Tgt Ion: 82 Resp: 882227

Ion	Ratio	Lower	Upper
82	100		
128	57.7	45.1	67.7
54	36.4	28.8	43.2



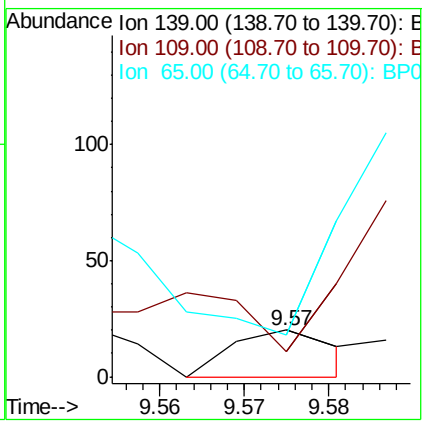


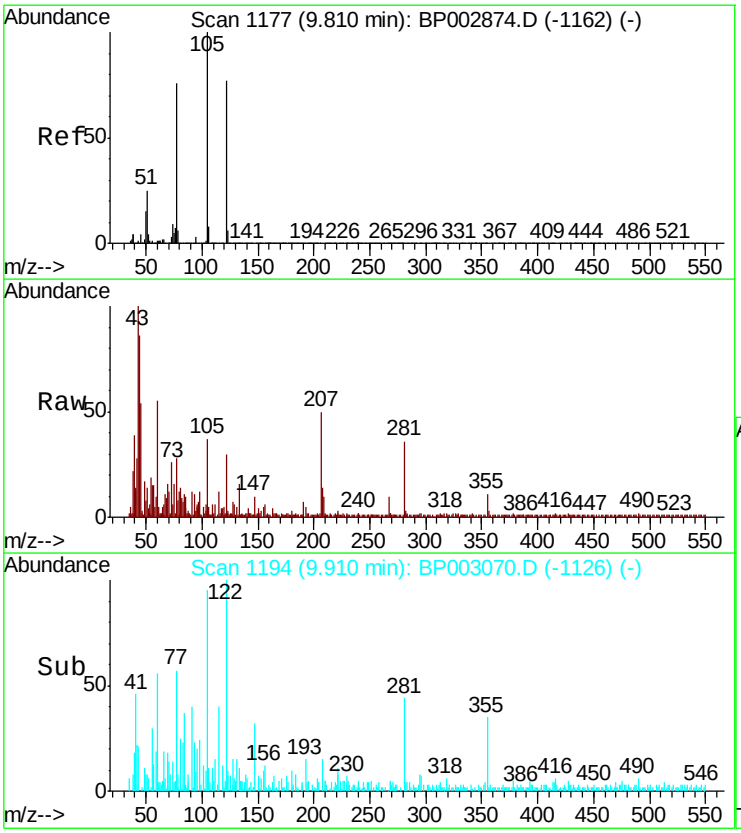
#26
2-Nitrophenol
Concen: 4.523 ng
RT: 9.57 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Instrument :
BNA_P
ClientSampleId :
OK-02-081920

Tgt Ion:139 Resp: 17

Ion	Ratio	Lower	Upper
139	100		
109	55.0	21.0	31.6#
65	90.0	27.2	40.8#

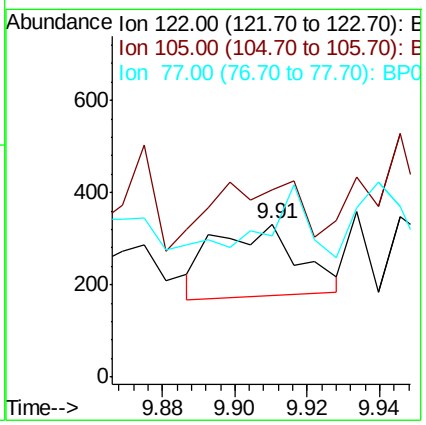


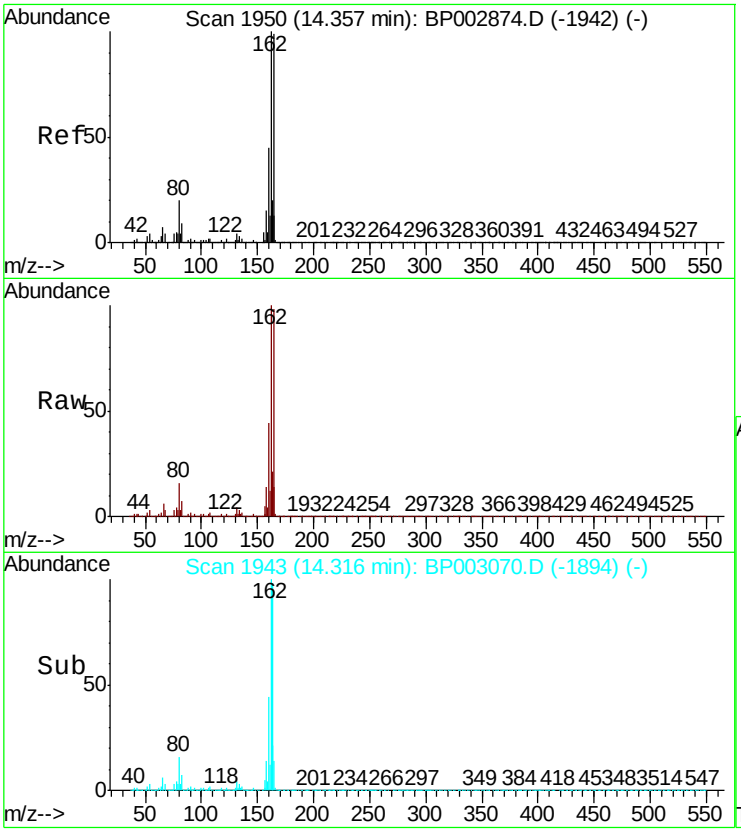


#32
Benzoic acid
Concen: 7.719 ng
RT: 9.91 min Scan# 1194
Delta R.T. 0.10 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Tgt Ion:122 Resp: 252

Ion	Ratio	Lower	Upper
122	100		
105	122.0	96.2	136.2
77	92.5	55.6	95.6



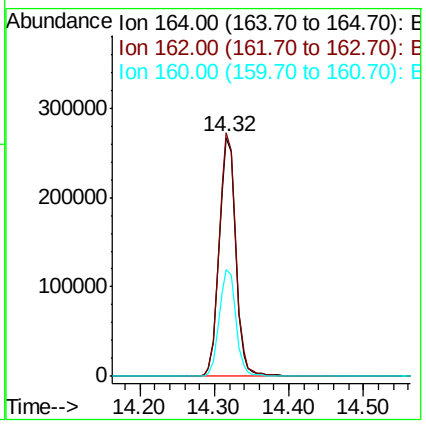


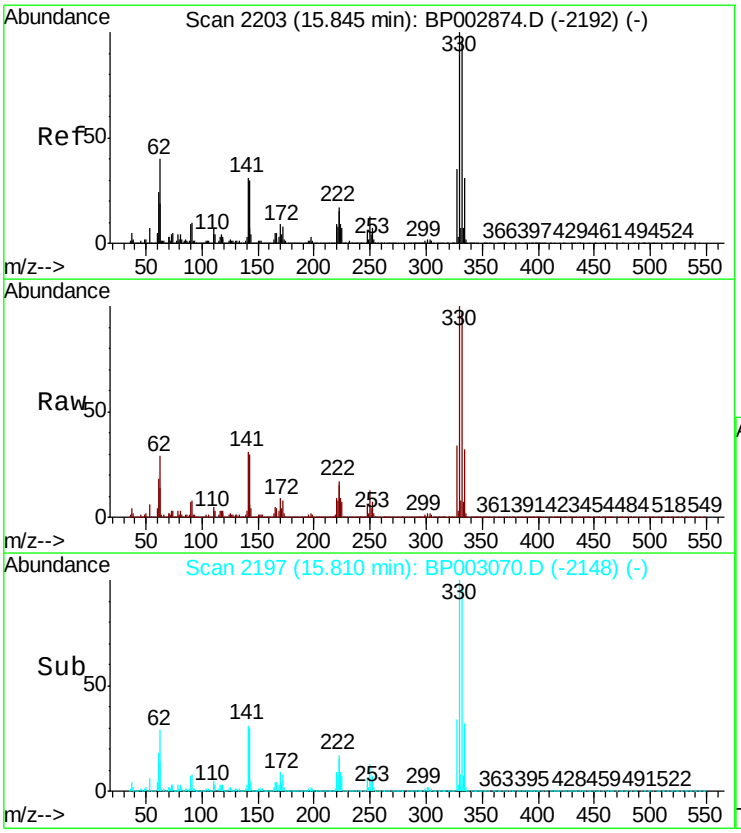
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Instrument :
BNA_P
ClientSampleId :
OK-02-081920

Tgt Ion:164 Resp: 413940

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	44.8	35.5	53.3

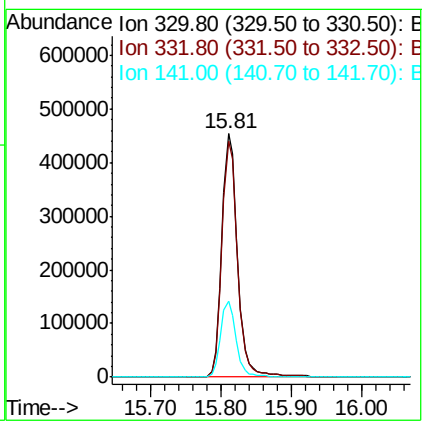


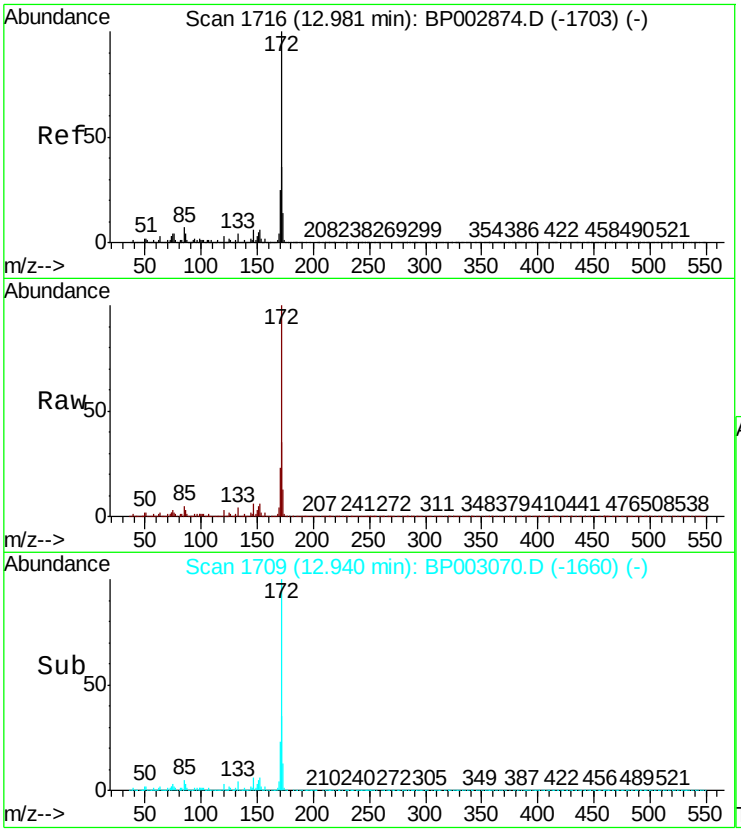


#42
2,4,6-Tribromophenol
Concen: 136.501 ng
RT: 15.81 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Tgt Ion:330 Resp: 702270

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	31.3	26.7	40.1



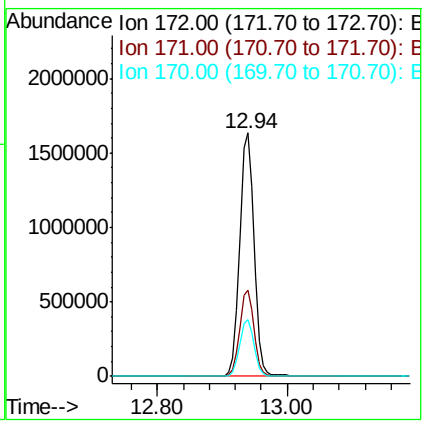


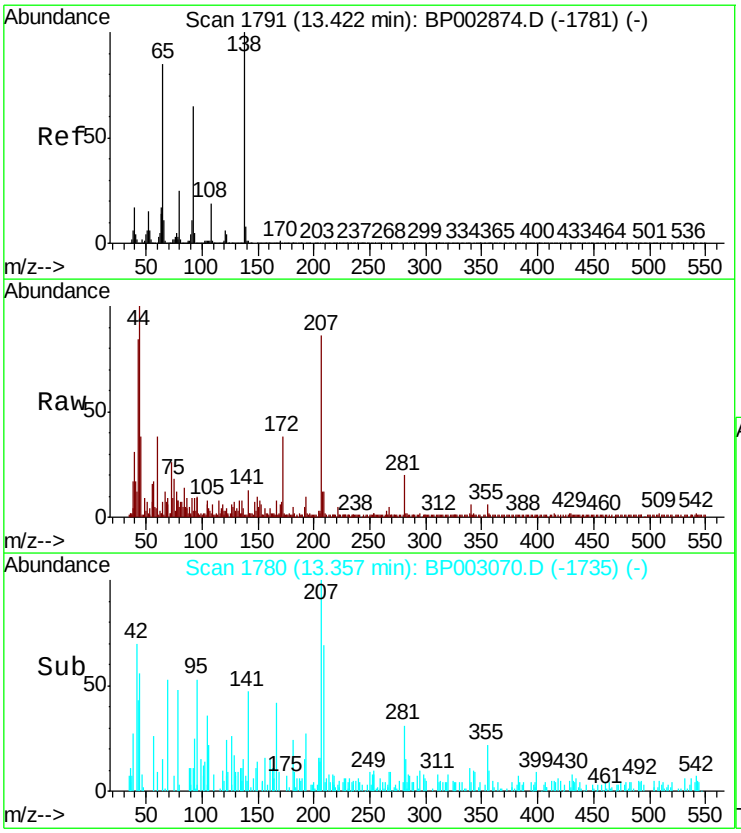
#45
2-Fluorobiphenyl
Concen: 82.884 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Instrument :
BNA_P
ClientSampleId :
OK-02-081920

Tgt Ion:172 Resp: 2511088

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.4
170	23.4	19.1	28.7

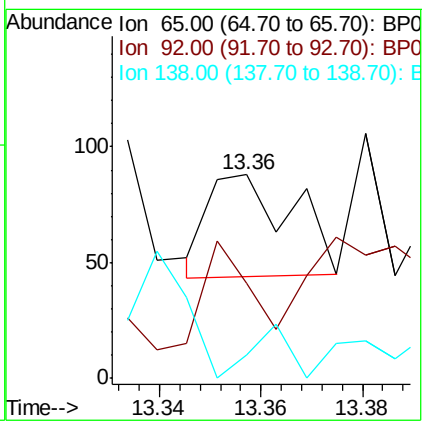


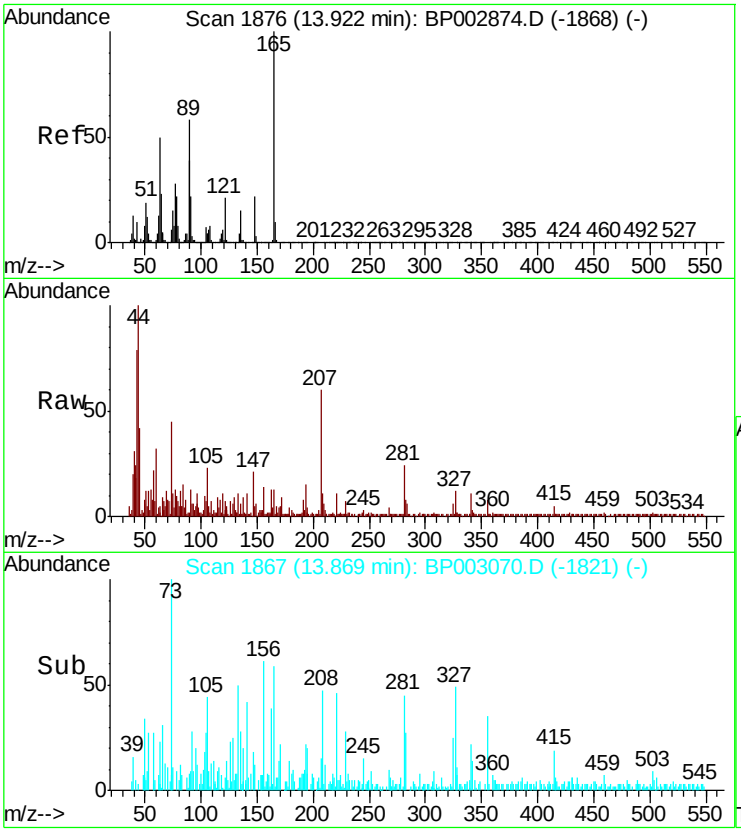


#48
2-Nitroaniline
Concen: 3.979 ng
RT: 13.36 min Scan# 1780
Delta R.T. -0.04 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Tgt Ion: 65 Resp: 51

Ion	Ratio	Lower	Upper
65	100		
92	46.6	70.1	105.1#
138	11.4	129.7	194.5#



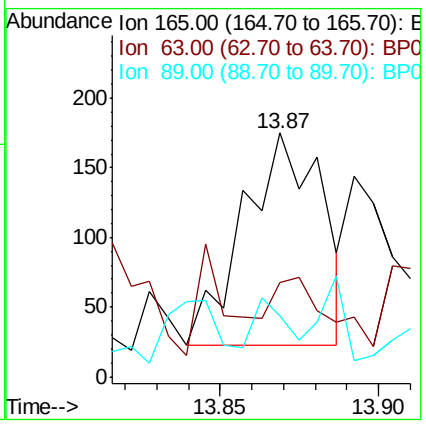


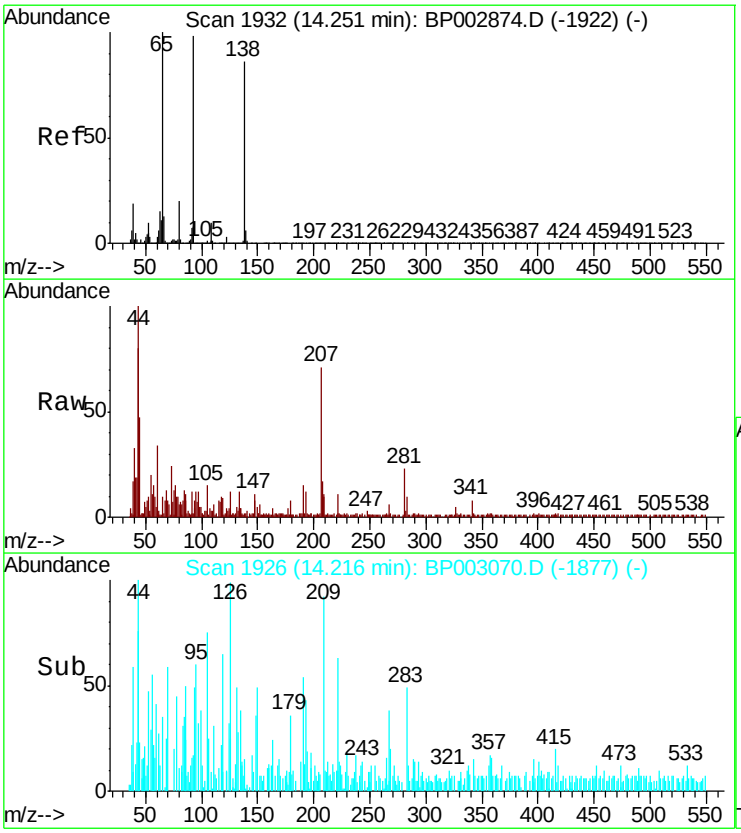
#51
2,6-Dinitrotoluene
Concen: 2.933 ng
RT: 13.87 min Scan# 1867
Delta R.T. -0.03 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Instrument :
BNA_P
ClientSampleId :
OK-02-081920

Tgt Ion:165 Resp: 260

Ion	Ratio	Lower	Upper
165	100		
63	53.7	28.1	42.1#
89	25.1	34.5	51.7#

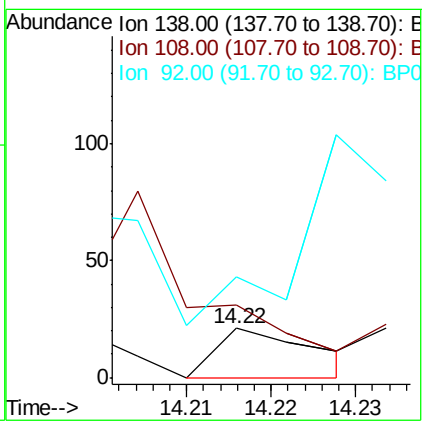


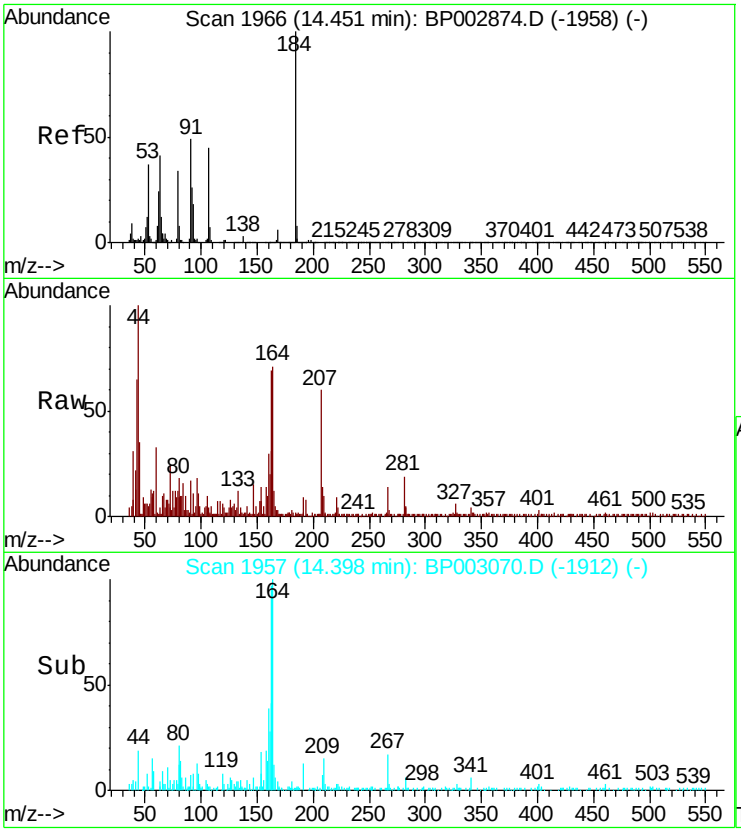


#53
3-Nitroaniline
Concen: 3.276 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Tgt Ion:138 Resp: 17

Ion	Ratio	Lower	Upper
138	100		
108	147.6	7.7	11.5#
92	204.8	75.6	113.4#



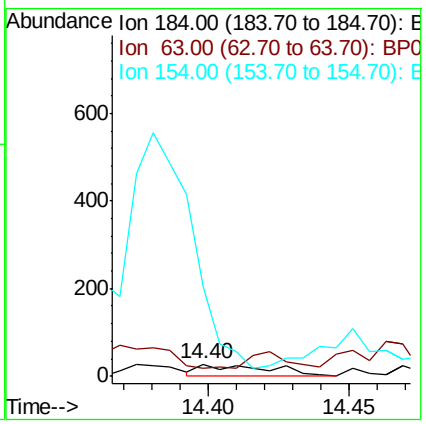


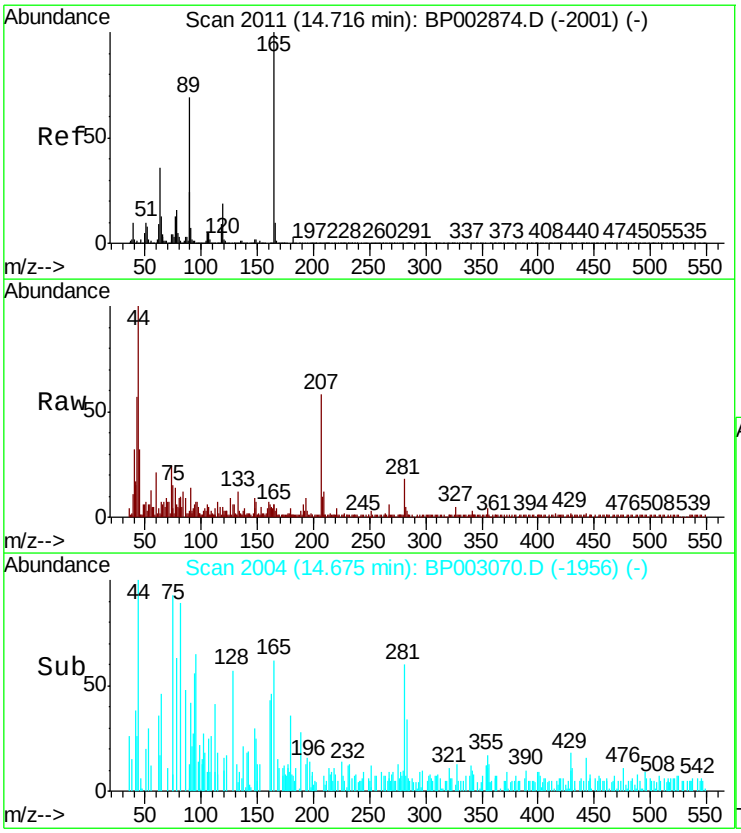
#54
2,4-Dinitrophenol
Concen: 8.071 ng
RT: 14.40 min Scan# 1957
Delta R.T. -0.04 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Instrument :
BNA_P
ClientSampleId :
OK-02-081920

Tgt Ion:184 Resp: 46

Ion	Ratio	Lower	Upper
184	100		
63	60.7	33.0	49.6#
154	732.1	46.8	70.2#

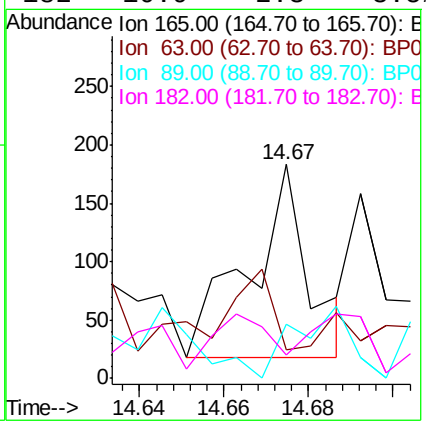


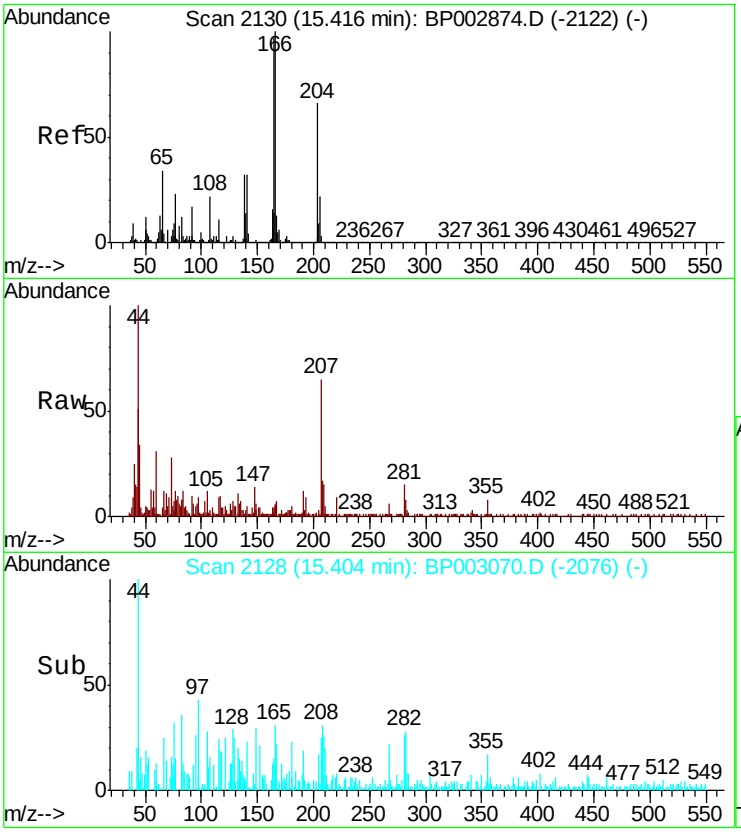


#57
2,4-Dinitrotoluene
Concen: 3.821 ng
RT: 14.67 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Tgt Ion:165 Resp: 163

Ion	Ratio	Lower	Upper
165	100		
63	13.7	20.6	31.0#
89	25.1	43.4	65.0#
182	10.9	2.3	3.5#



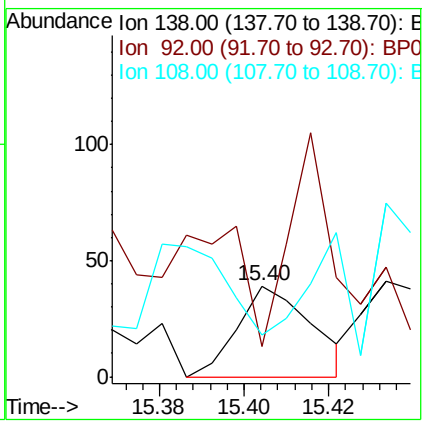


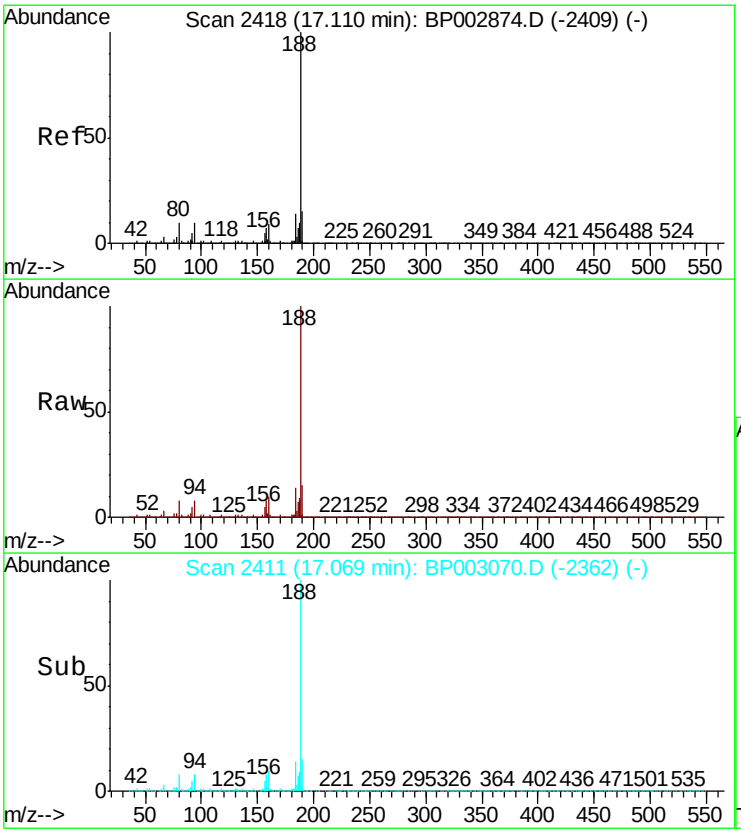
#62
4-Nitroaniline
Concen: 2.422 ng
RT: 15.40 min Scan# 2128
Delta R.T. 0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Instrument :
BNA_P
ClientSampleId :
OK-02-081920

Tgt Ion:138 Resp: 48

Ion	Ratio	Lower	Upper
138	100		
92	33.3	21.4	61.4
108	46.2	40.8	80.8

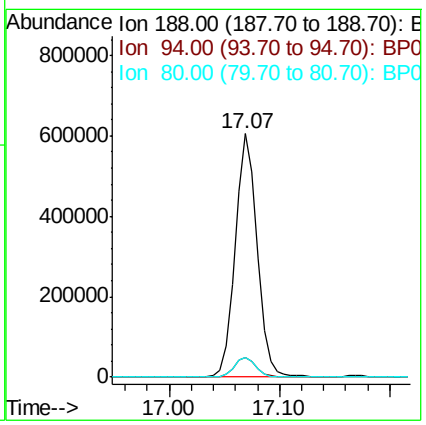


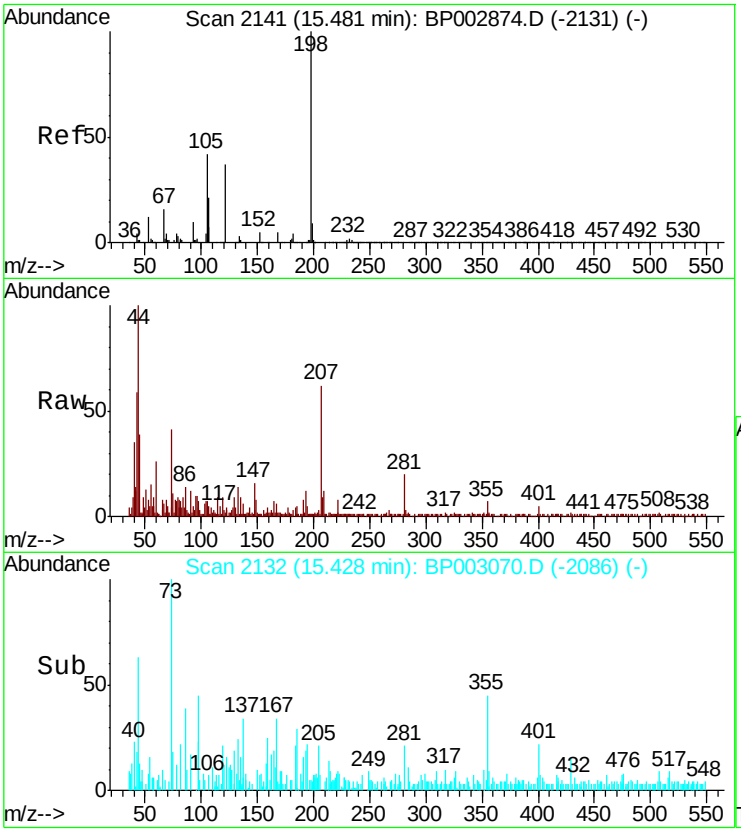


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Tgt Ion:188 Resp: 845050

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	8.0	6.7	10.1



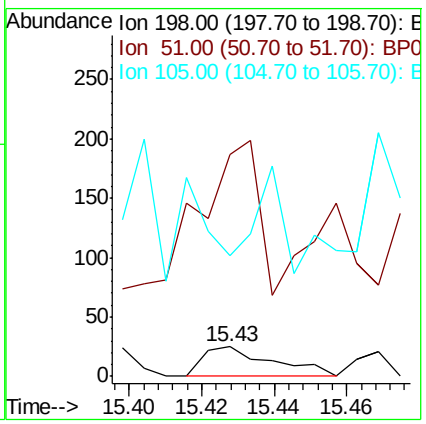


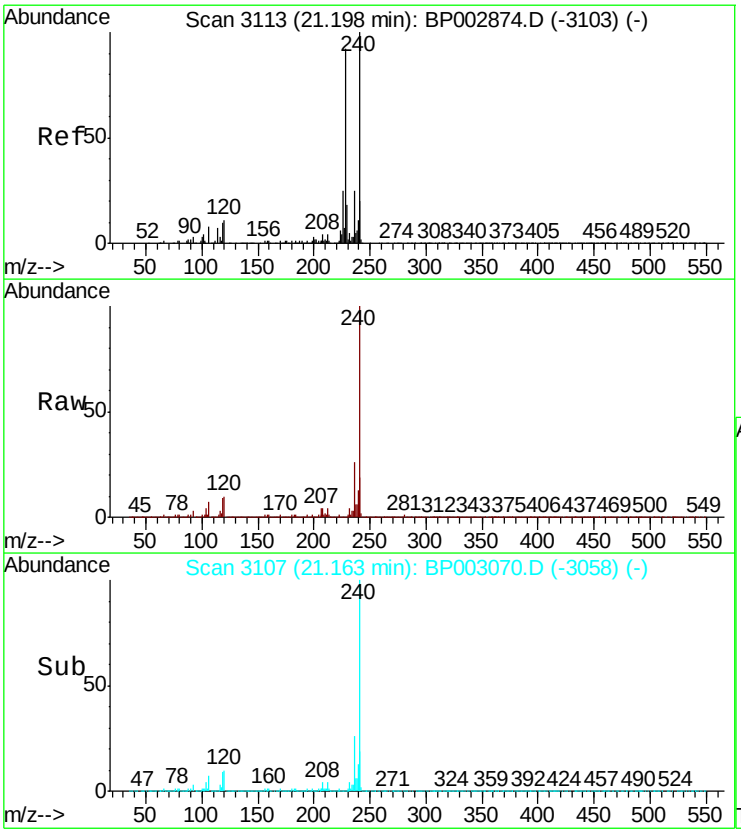
#65
4,6-Dinitro-2-methylphenol
Concen: 6.907 ng
RT: 15.43 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Instrument :
BNA_P
ClientSampleId :
OK-02-081920

Tgt Ion:198 Resp: 33

Ion	Ratio	Lower	Upper
198	100		
51	748.0	6.2	46.2#
105	408.0	19.9	59.9#

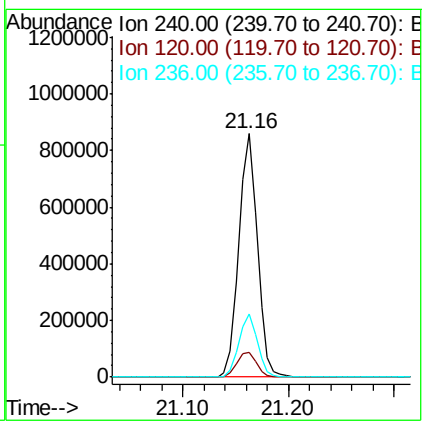


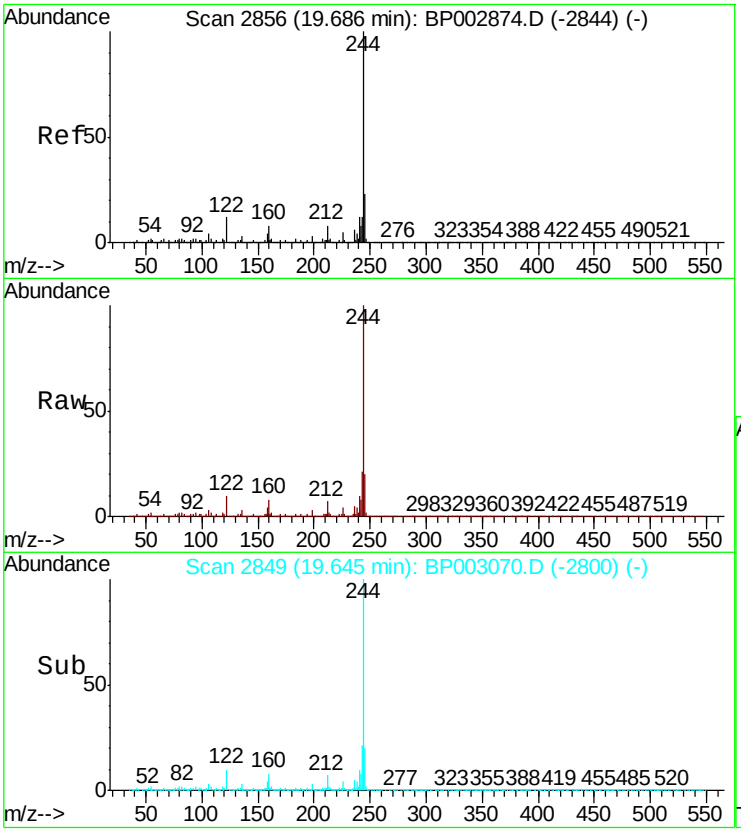


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Tgt Ion:240 Resp: 1038223

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.0	20.8	31.2



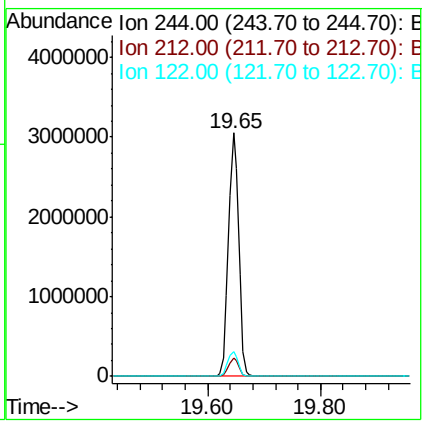


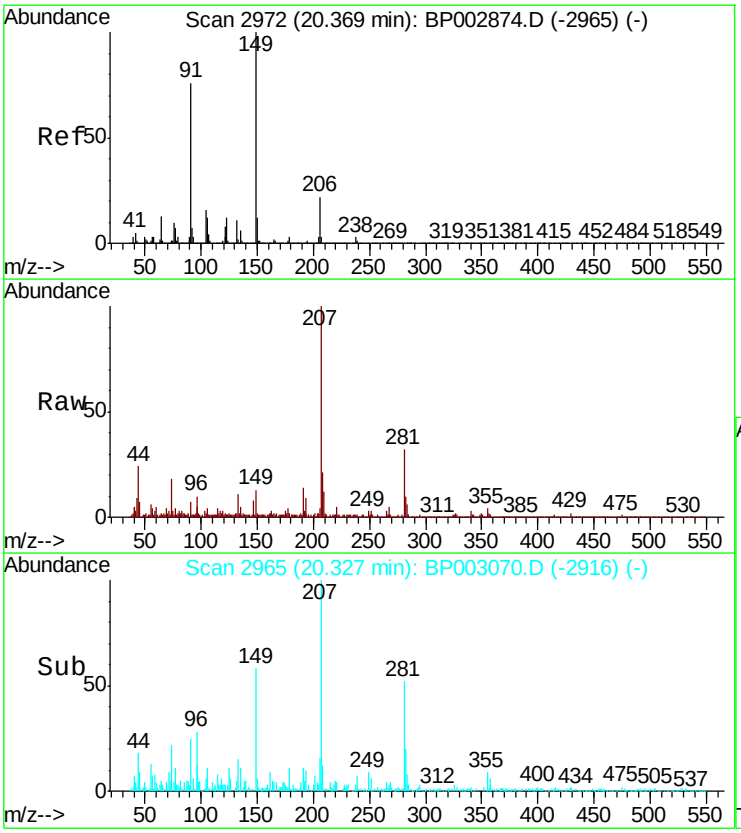
#79
Terphenyl-d14
Concen: 74.294 ng
RT: 19.65 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Instrument :
BNA_P
ClientSampleId :
OK-02-081920

Tgt Ion:244 Resp: 3852936

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	10.2	8.7	13.1

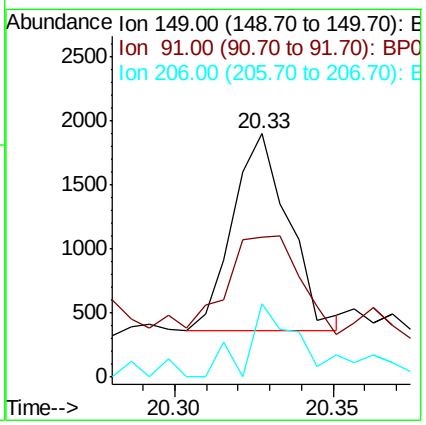


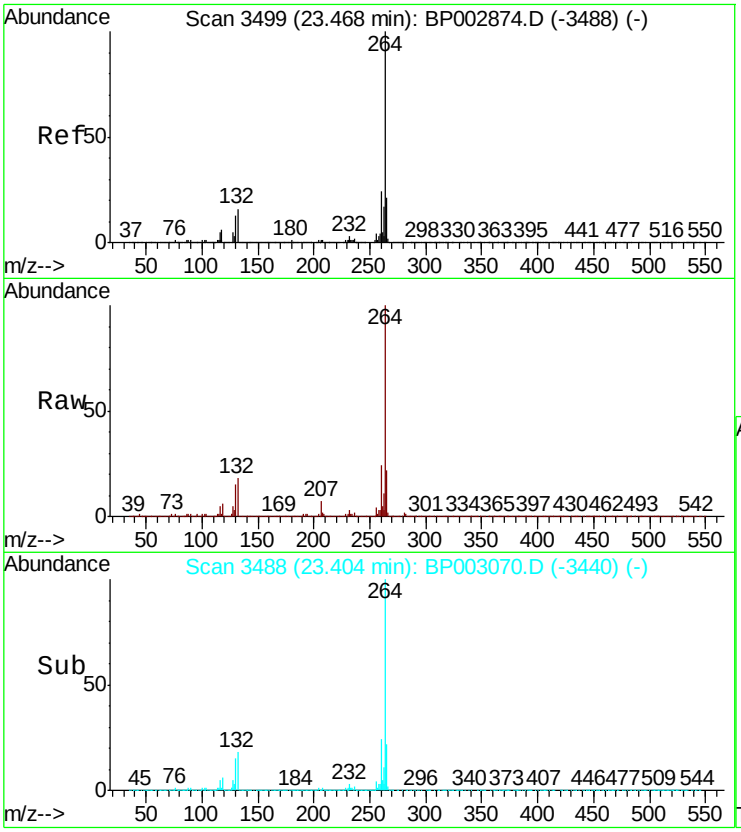


#80
Butylbenzylphthalate
Concen: 3.118 ng
RT: 20.33 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Tgt Ion:149 Resp: 1896

Ion	Ratio	Lower	Upper
149	100		
91	57.4	45.3	67.9
206	30.1	17.5	26.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3488
Delta R.T. -0.02 min
Lab File: BP003070.D
Acq: 20 Aug 2020 17:56

Instrument :
BNA_P
ClientSampleId :
OK-02-081920

Tgt Ion:264 Resp: 1487851

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.3	25.9