Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081120\
Data File : BP002943.D
Acq On : 11 Aug 2020 17:53
Operator : CG/JU
Sample : PB130895TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB130895TB

Quant Time: Aug 11 18:57:35 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	564359	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	2201915	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	1235691	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	2302938	20.00	ng	0.00
76) Chrysene-d12	21.18	240	1617071	20.00	ng	0.00
86) Perylene-d12	23.43	264	1443740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	3753030	101.78	ng	0.00
7) Phenol-d6	6.88	99	4430667	86.54	ng	0.00
23) Nitrobenzene-d5	8.85	82	2534373	62.34	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1433412	93.33	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	6646139	73.49	ng	0.00
79) Terphenyl-d14	19.67	244	6635244	82.15	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.62	139	12	4.521	ng	# 1
32) Benzoic acid	9.79	122	44	7.688	ng	# 45
48) 2-Nitroaniline	13.40	65	82	3.975	ng	# 10
51) 2,6-Dinitrotoluene	13.93	165	123	2.905	ng	# 20
53) 3-Nitroaniline	14.24	138	20	3.274	ng	# 1
54) 2,4-Dinitrophenol	14.43	184	11	8.058	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	171	3.811	ng	# 86
62) 4-Nitroaniline	15.39	138	31	2.417	ng	# 8
65) 4,6-Dinitro-2-methylphenol	15.47	198	9	6.901	ng	# 1
80) Butylbenzylphthalate	20.47	149	122	3.060	ng	89

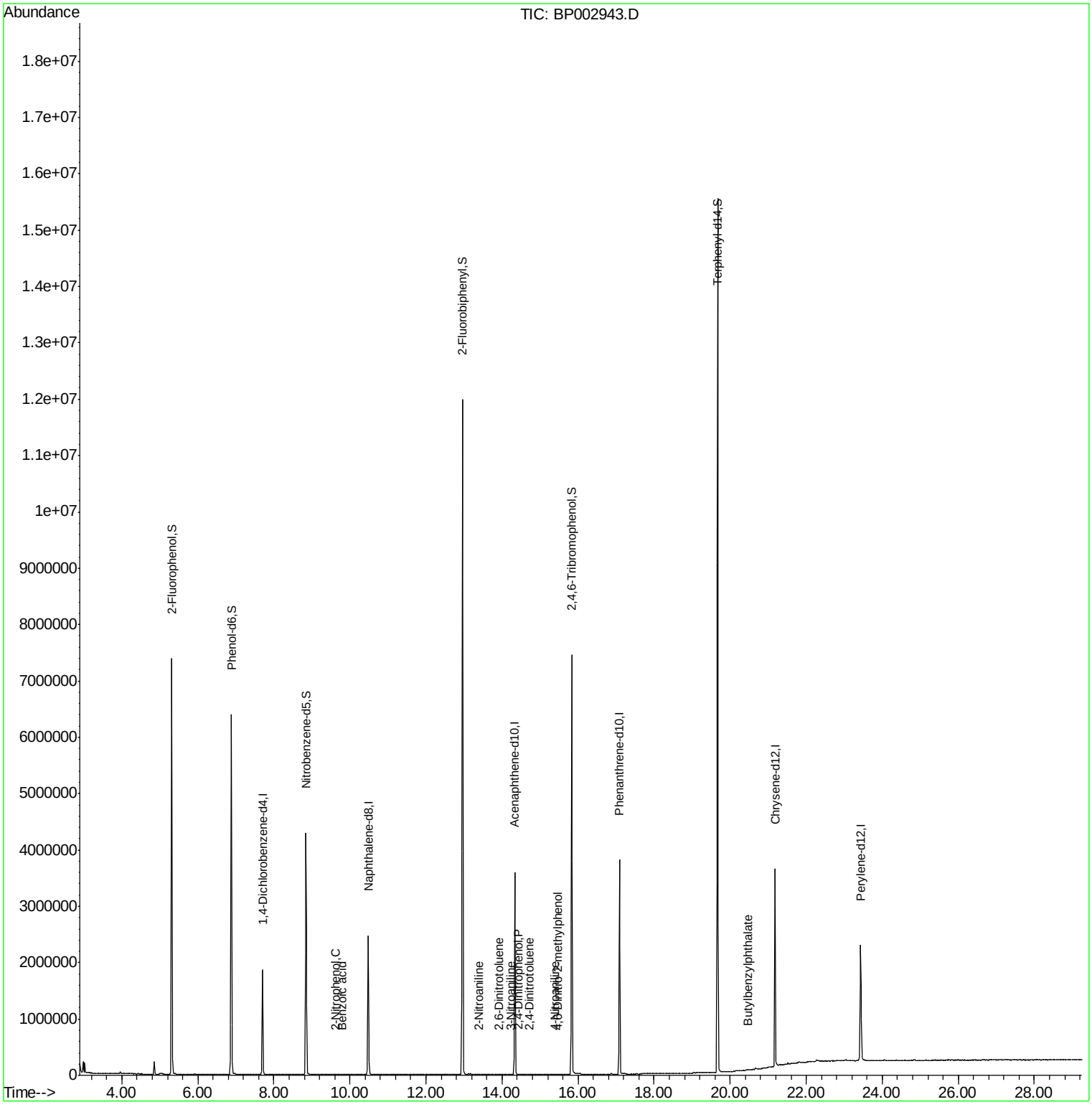
(#) = qualifier out of range (m) = manual integration (+) = signals summed

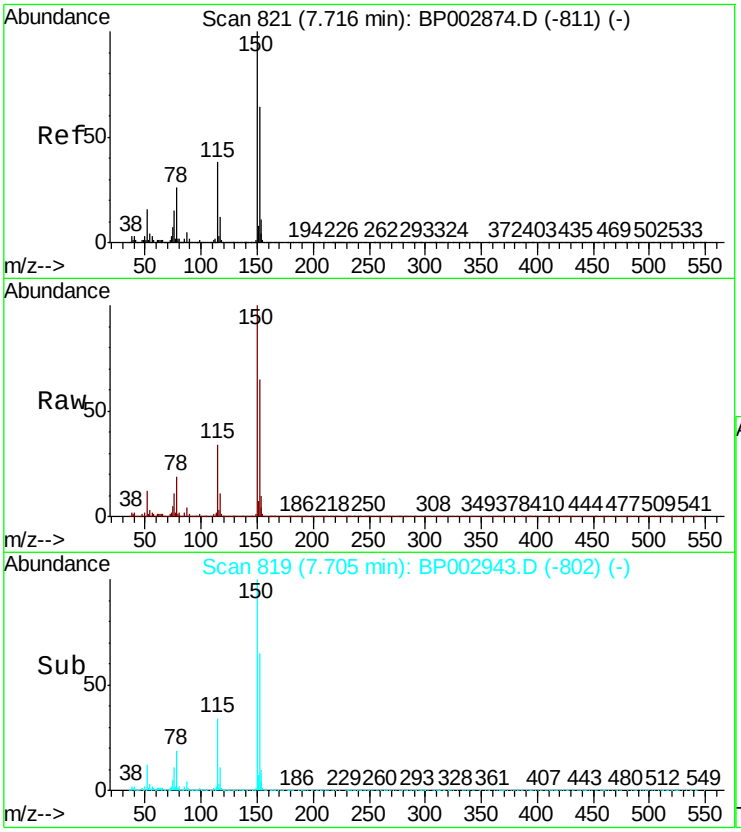
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081120\
Data File : BP002943.D
Acq On : 11 Aug 2020 17:53
Operator : CG/JU
Sample : PB130895TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB130895TB

Quant Time: Aug 11 18:57:35 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



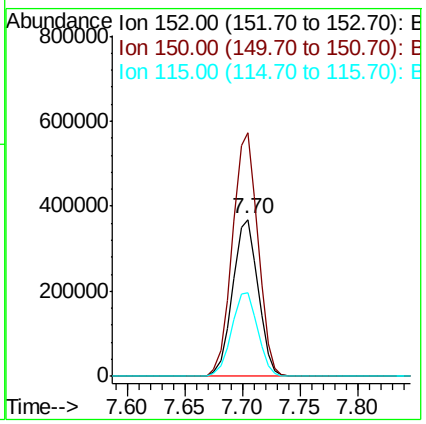


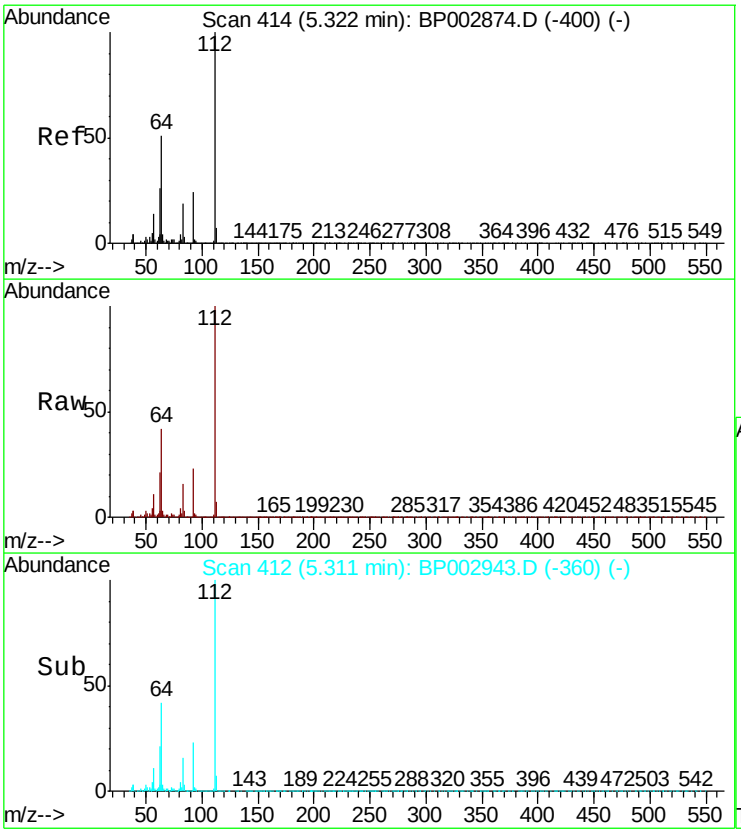
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 819
Delta R.T. -0.00 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Instrument :
BNA_P
ClientSampleId :
PB130895TB

Tgt Ion:152 Resp: 564359

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.2	186.4
115	53.1	42.1	63.1

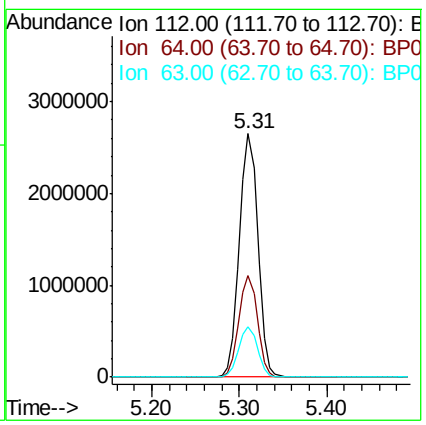


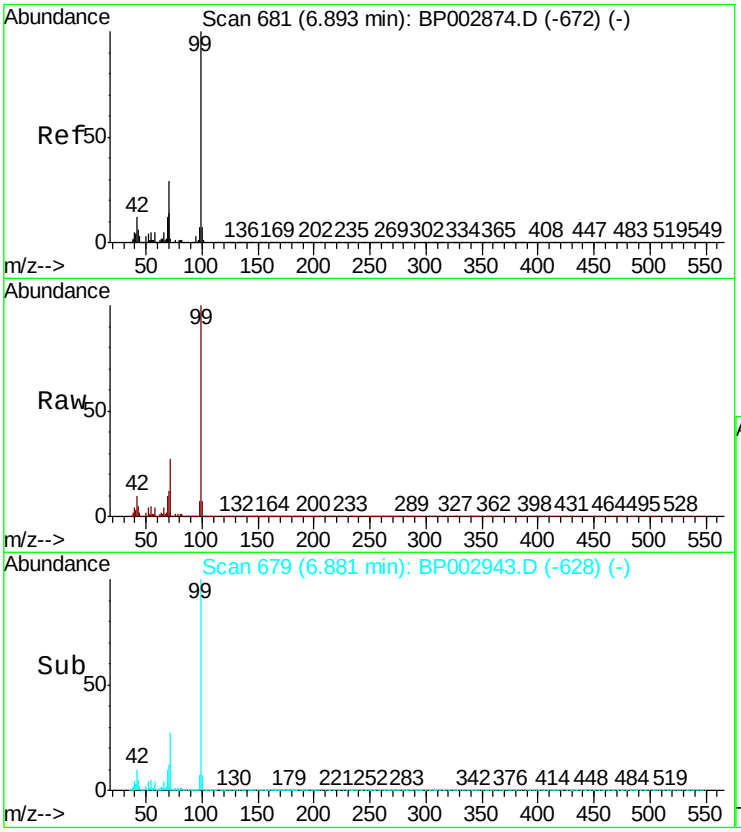


#5
2-Fluorophenol
Concen: 101.779 ng
RT: 5.31 min Scan# 412
Delta R.T. 0.01 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Tgt Ion:112 Resp: 3753030

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



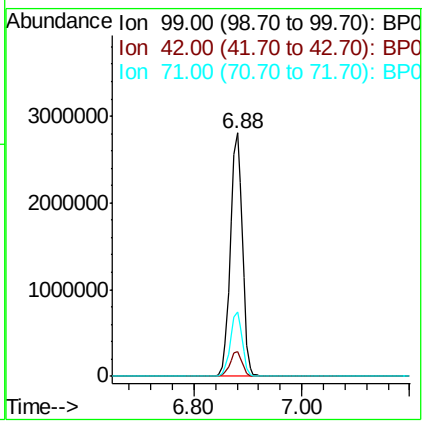


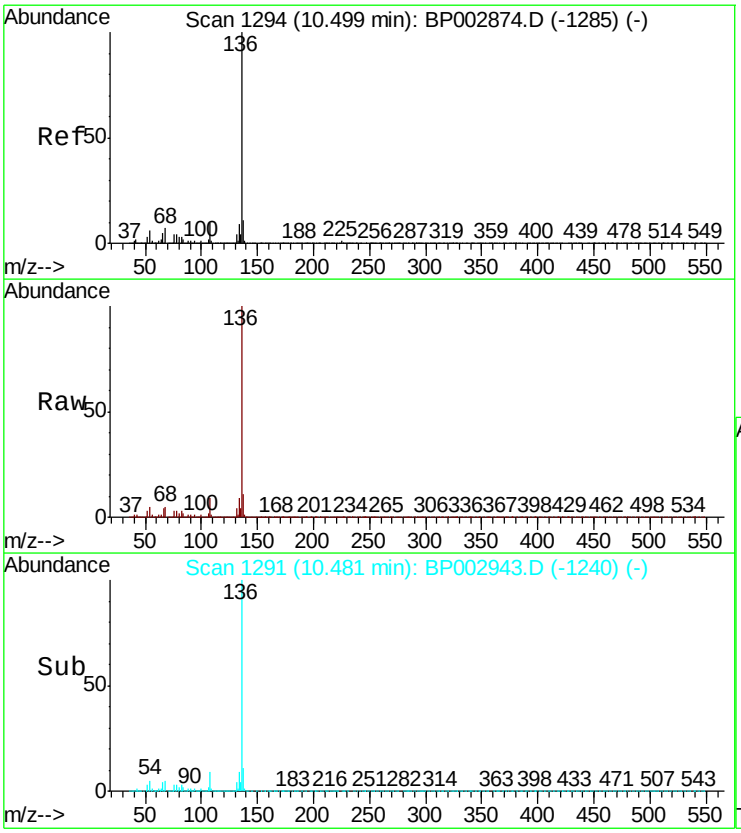
#7
Phenol-d6
Concen: 86.545 ng
RT: 6.88 min Scan# 679
Delta R.T. -0.00 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Instrument :
BNA_P
ClientSampleId :
PB130895TB

Tgt Ion: 99 Resp: 4430667

Ion	Ratio	Lower	Upper
99	100		
42	10.1	8.1	12.1
71	26.5	21.0	31.4

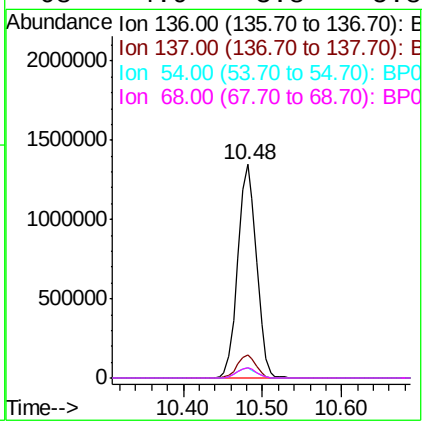


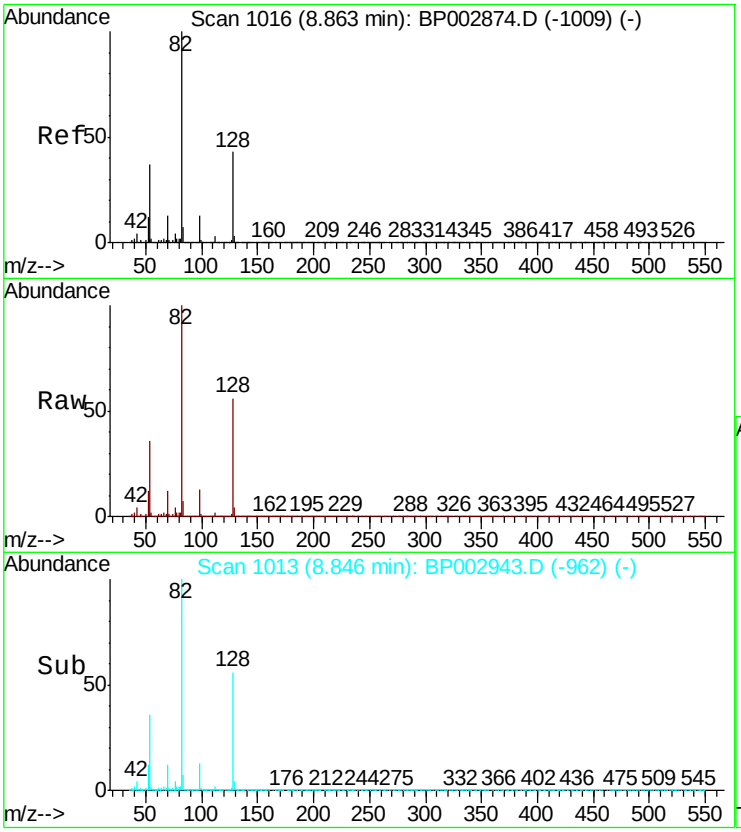


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Tgt Ion:136 Resp: 2201915

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	4.9	3.9	5.9
68	4.9	3.8	5.8



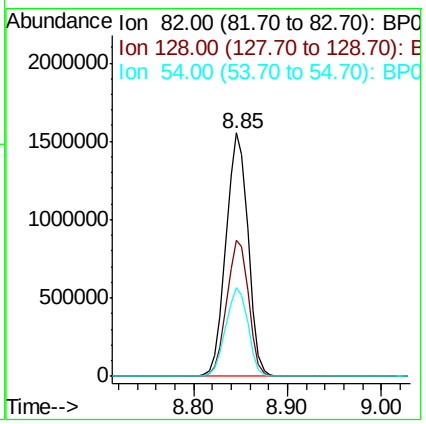


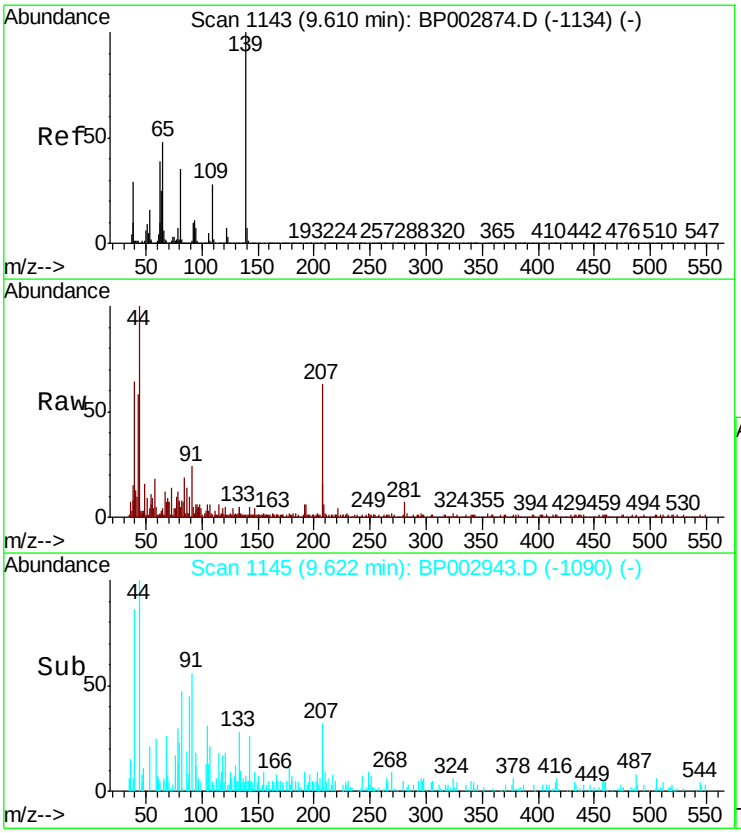
#23
Nitrobenzene-d5
Concen: 62.340 ng
RT: 8.85 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Instrument :
BNA_P
ClientSampleId :
PB130895TB

Tgt Ion: 82 Resp: 2534373

Ion	Ratio	Lower	Upper
82	100		
128	56.0	44.6	66.8
54	36.2	29.2	43.8

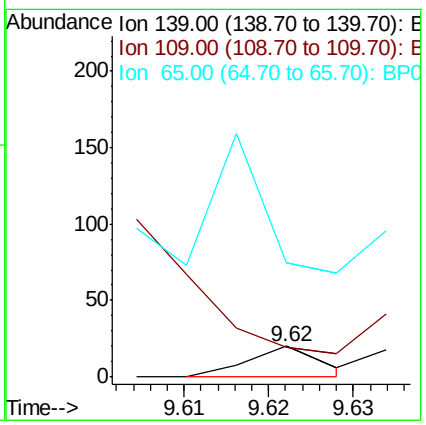


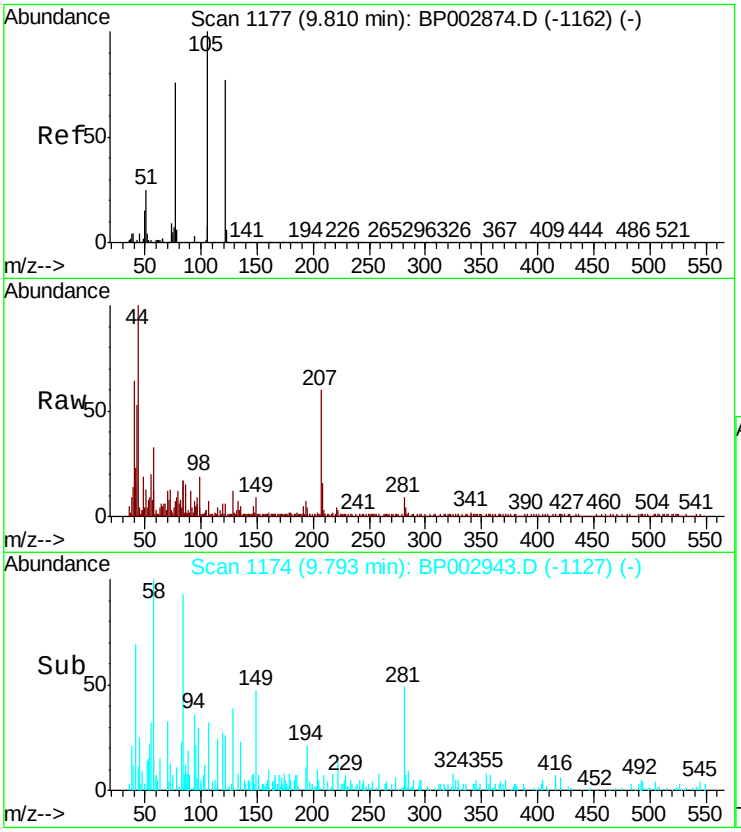


#26
2-Nitrophenol
Concen: 4.521 ng
RT: 9.62 min Scan# 1145
Delta R.T. 0.02 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Tgt Ion:139 Resp: 12

Ion	Ratio	Lower	Upper
139	100		
109	95.0	19.5	29.3#
65	375.0	26.6	40.0#



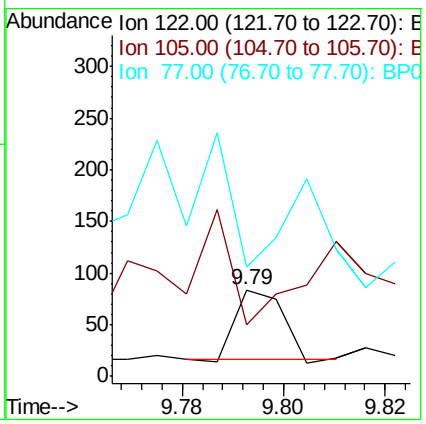


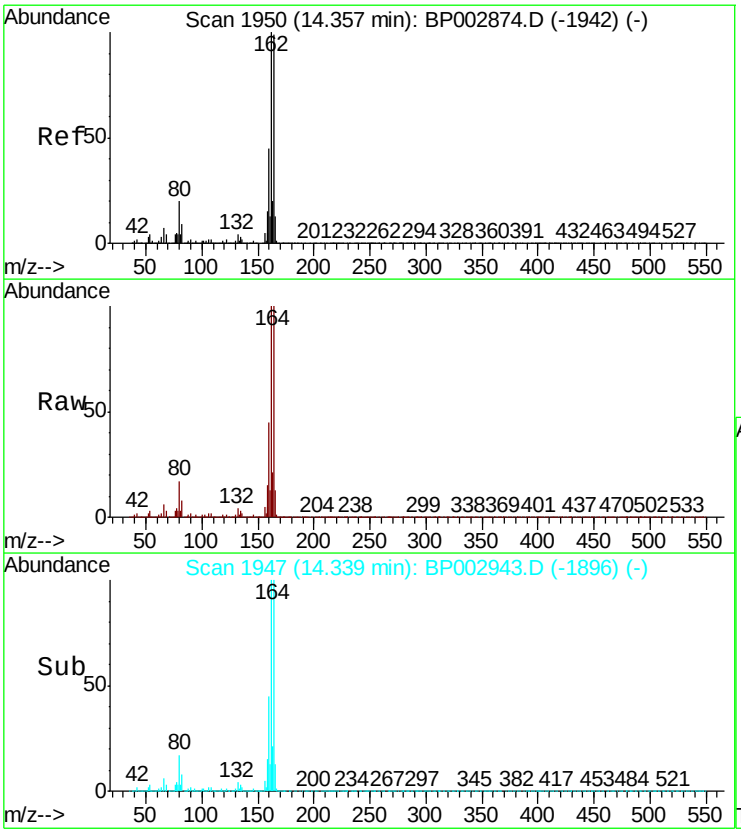
#32
Benzoic acid
Concen: 7.688 ng
RT: 9.79 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Instrument :
BNA_P
ClientSampleId :
PB130895TB

Tgt Ion:122 Resp: 44

Ion	Ratio	Lower	Upper
122	100		
105	59.5	95.8	135.8#
77	126.2	54.7	94.7#

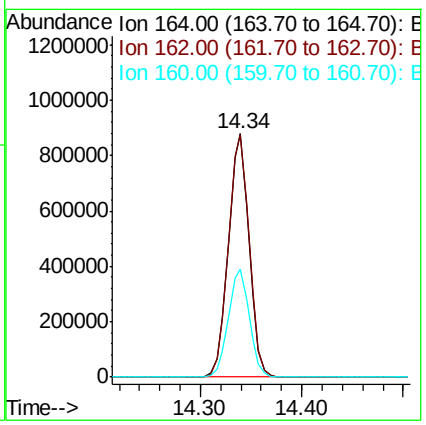


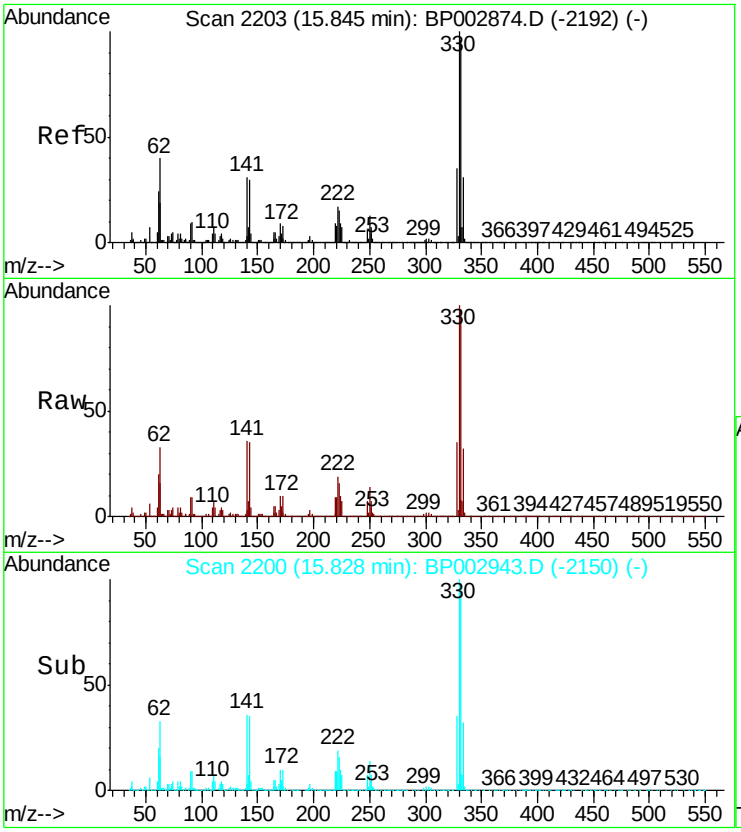


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Tgt Ion:164 Resp: 1235691

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.0	121.4
160	44.5	36.2	54.4



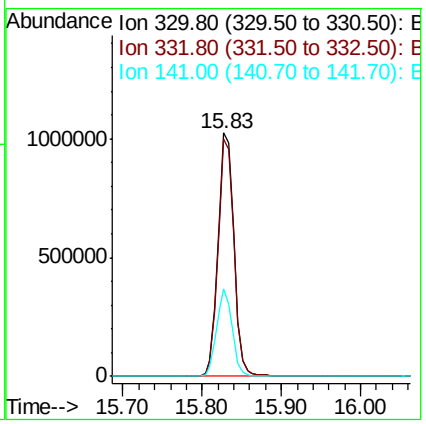


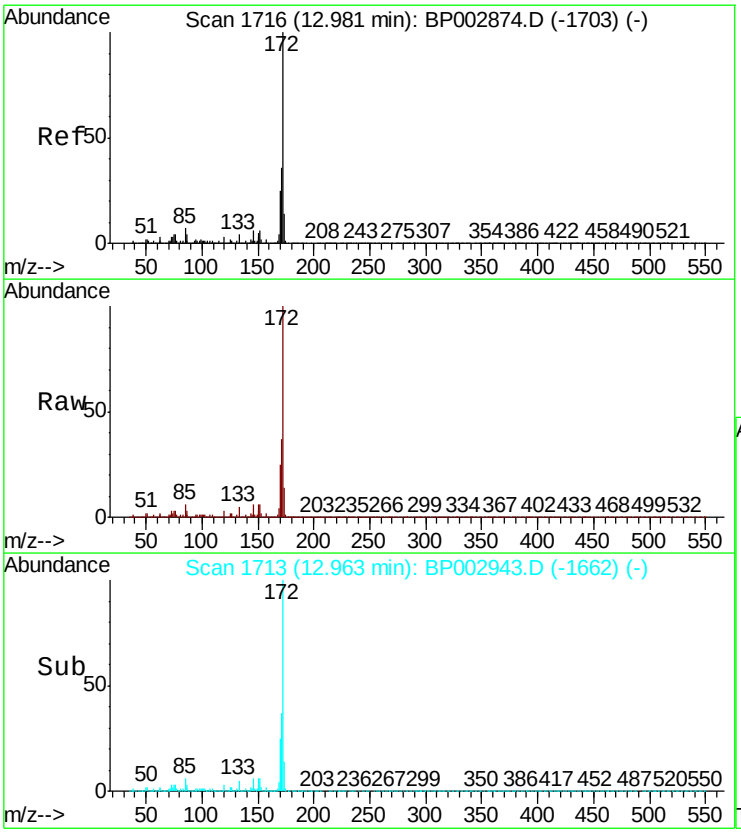
#42
2,4,6-Tribromophenol
Concen: 93.332 ng
RT: 15.83 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Instrument :
BNA_P
ClientSampleId :
PB130895TB

Tgt Ion:330 Resp: 1433412

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.4
141	34.7	28.6	43.0

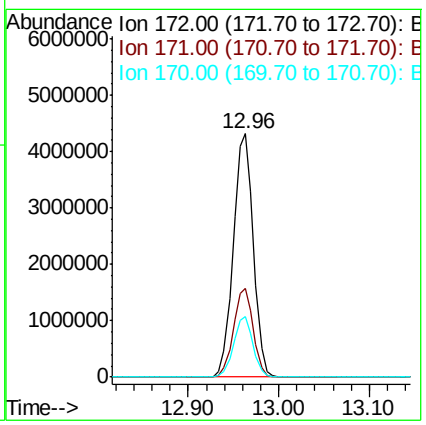


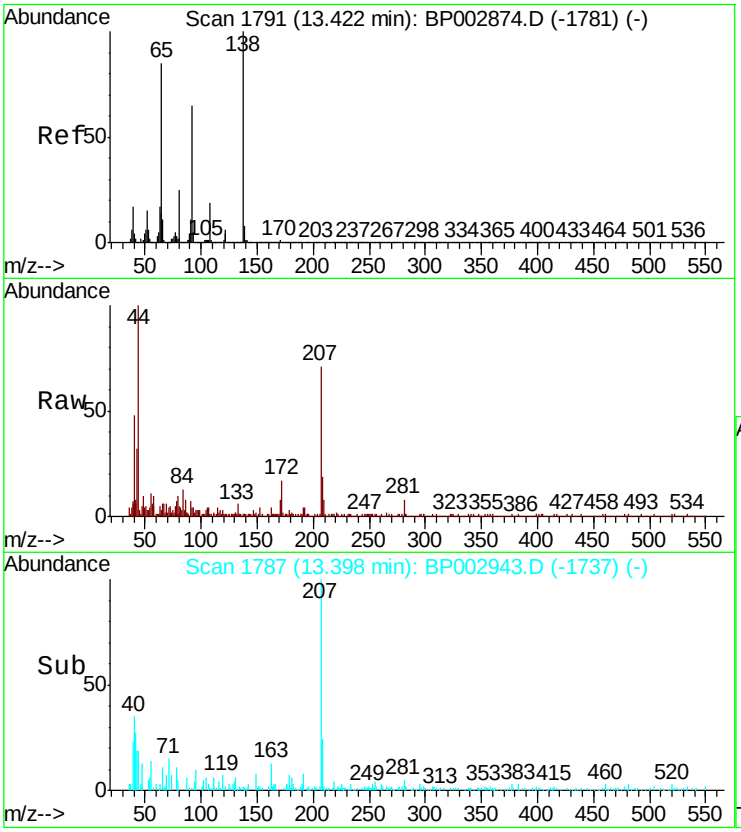


#45
2-Fluorobiphenyl
Concen: 73.486 ng
RT: 12.96 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Tgt Ion:172 Resp: 6646139

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.7	19.6	29.4



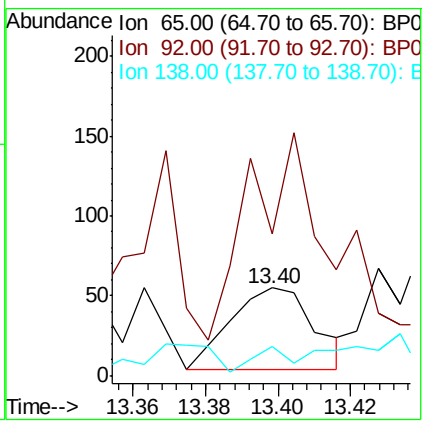


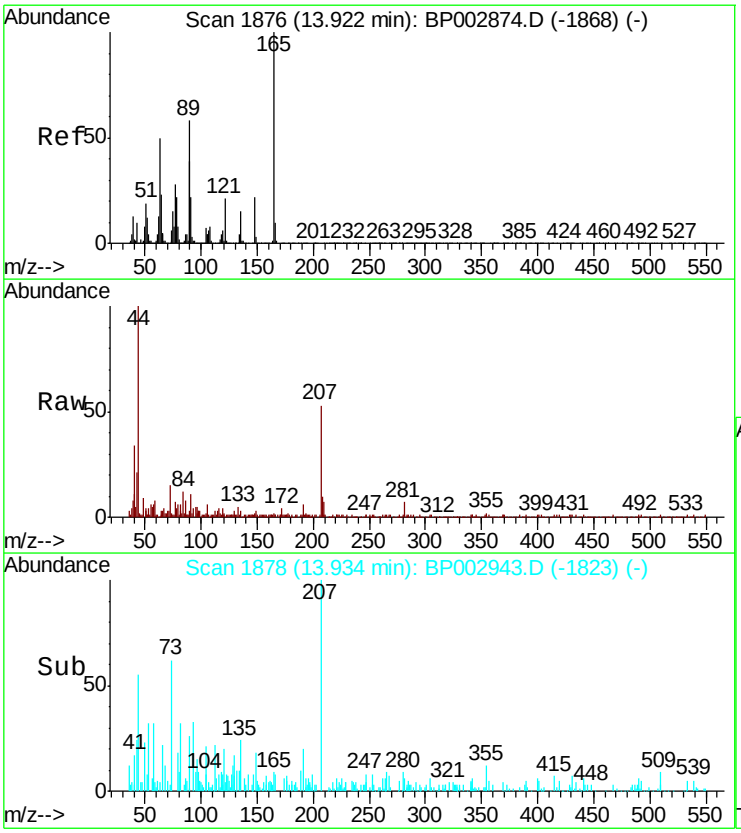
#48
2-Nitroaniline
Concen: 3.975 ng
RT: 13.40 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Instrument :
BNA_P
ClientSampleId :
PB130895TB

Tgt Ion: 65 Resp: 82

Ion	Ratio	Lower	Upper
65	100		
92	161.8	69.6	104.4#
138	32.7	125.6	188.4#

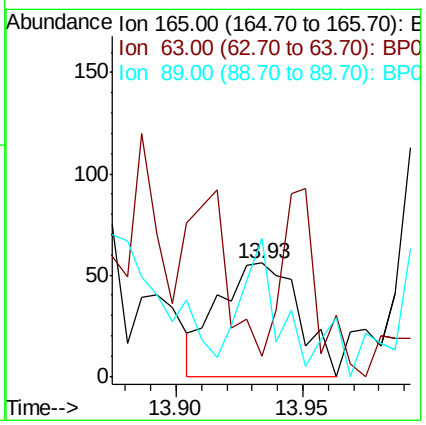


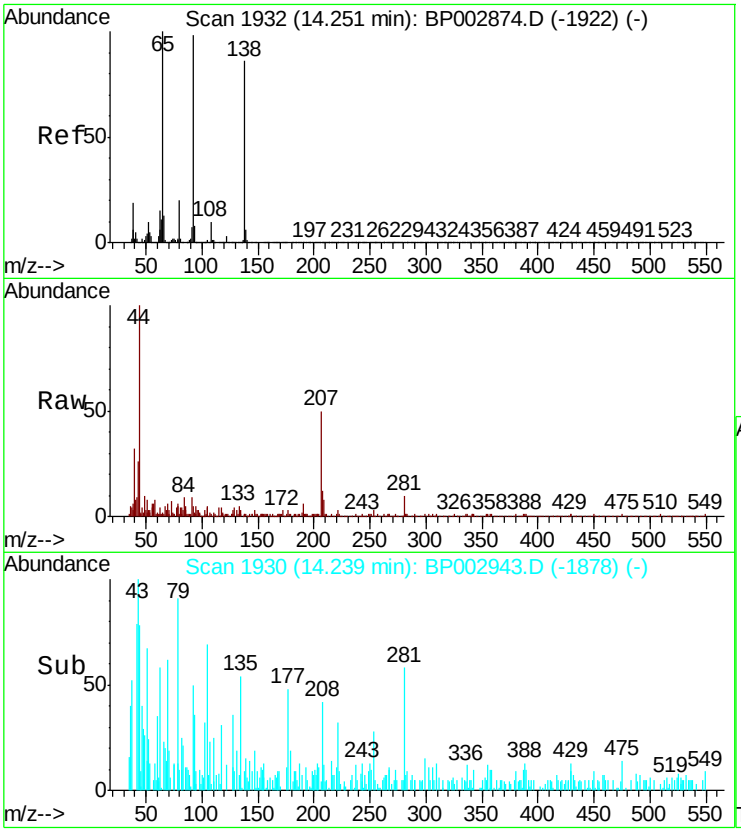


#51
2,6-Dinitrotoluene
Concen: 2.905 ng
RT: 13.93 min Scan# 1878
Delta R.T. 0.02 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Tgt Ion:165 Resp: 123

Ion	Ratio	Lower	Upper
165	100		
63	17.9	27.5	41.3#
89	121.4	35.3	52.9#



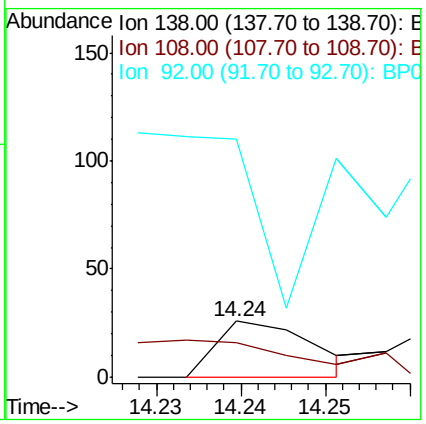


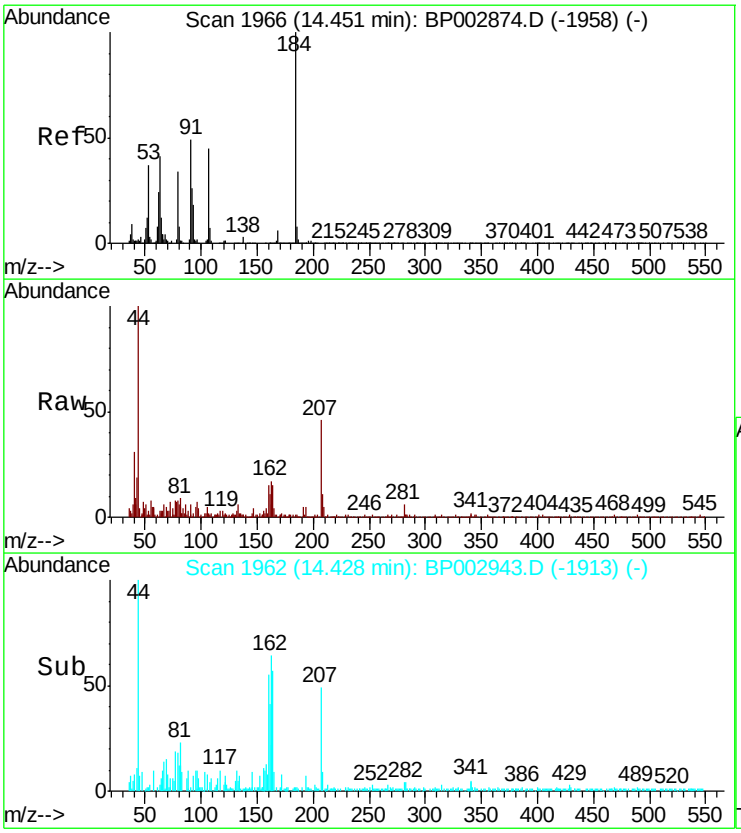
#53
3-Nitroaniline
Concen: 3.274 ng
RT: 14.24 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Instrument :
BNA_P
ClientSampleId :
PB130895TB

Tgt Ion:138 Resp: 20

Ion	Ratio	Lower	Upper
138	100		
108	61.5	7.2	10.8#
92	423.1	75.8	113.6#

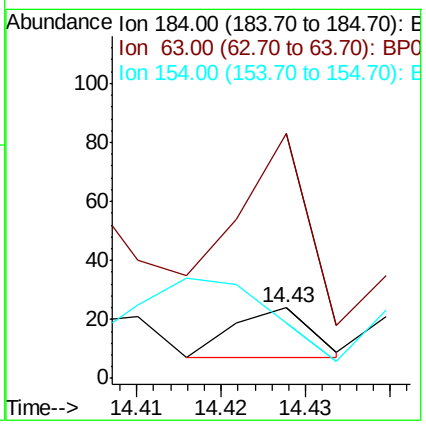


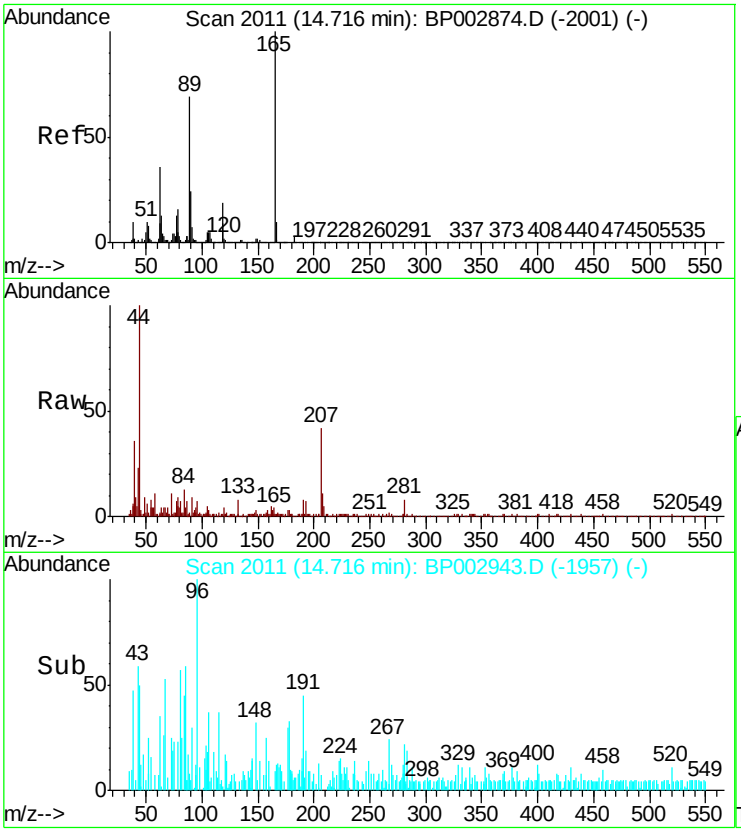


#54
2,4-Dinitrophenol
Concen: 8.058 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Tgt Ion:184 Resp: 11

Ion	Ratio	Lower	Upper
184	100		
63	345.8	36.4	54.6#
154	79.2	46.6	69.8#



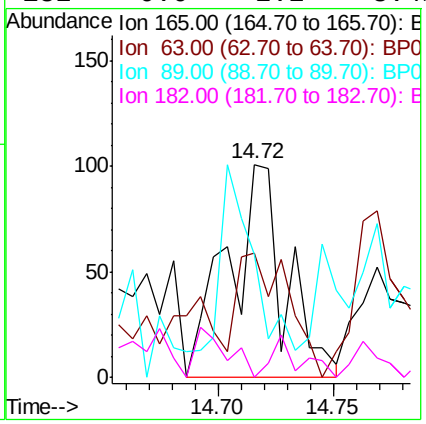


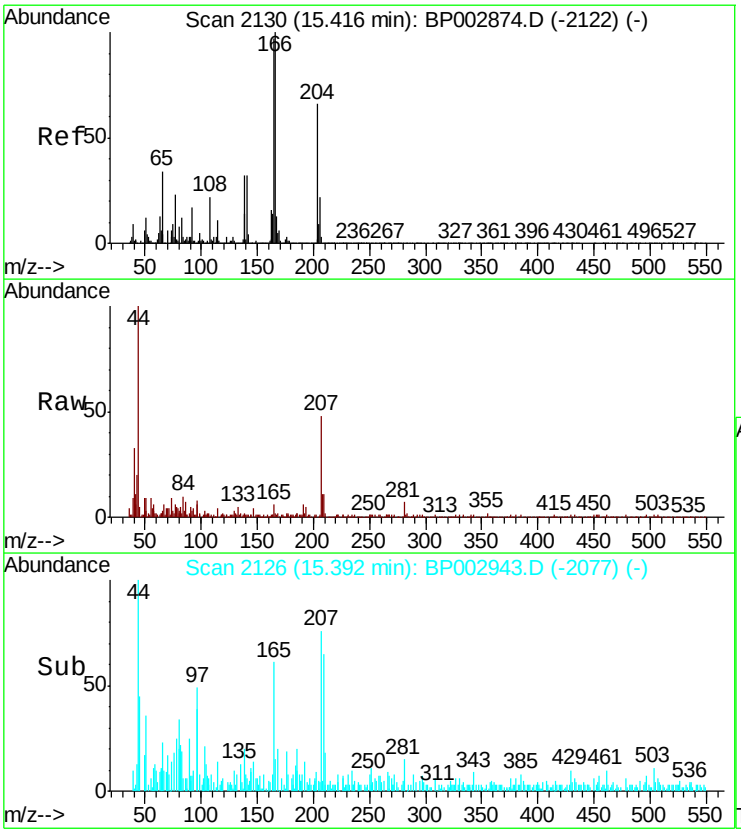
#57
2,4-Dinitrotoluene
Concen: 3.811 ng
RT: 14.72 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Instrument :
BNA_P
ClientSampleId :
PB130895TB

Tgt Ion:165 Resp: 171

Ion	Ratio	Lower	Upper
165	100		
63	50.4	22.6	34.0#
89	57.3	46.2	69.2
182	0.0	2.2	3.4#

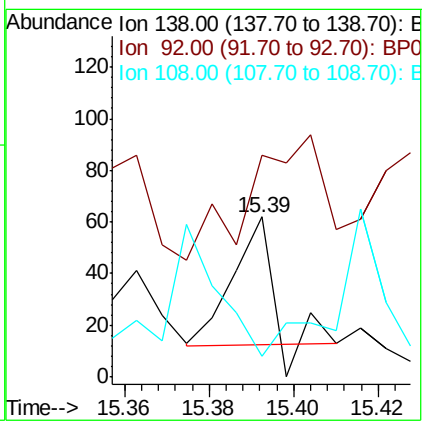


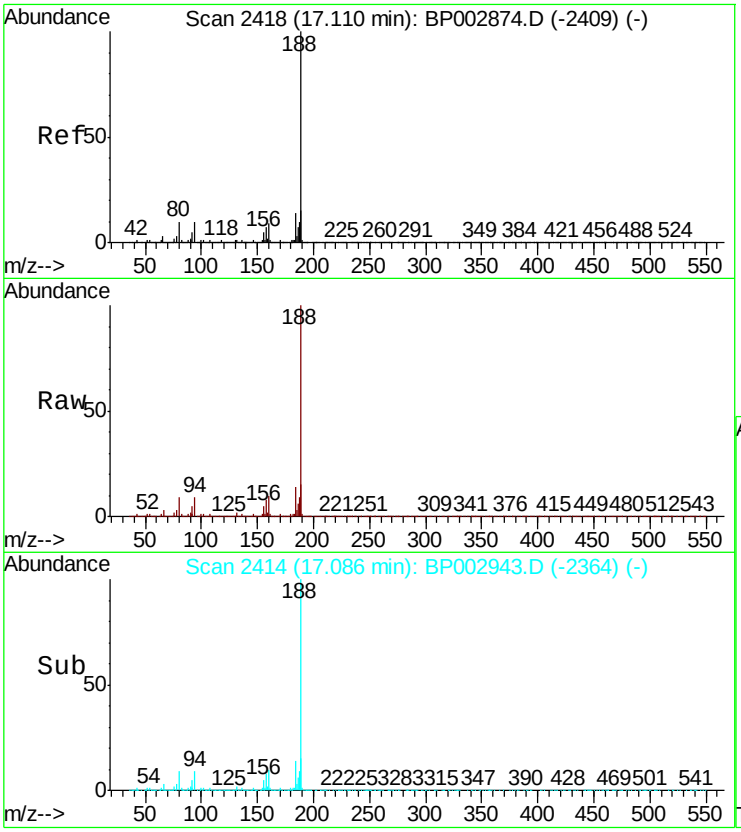


#62
4-Nitroaniline
Concen: 2.417 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Tgt Ion:138 Resp: 31

Ion	Ratio	Lower	Upper
138	100		
92	124.6	21.2	61.2#
108	11.6	40.5	80.5#



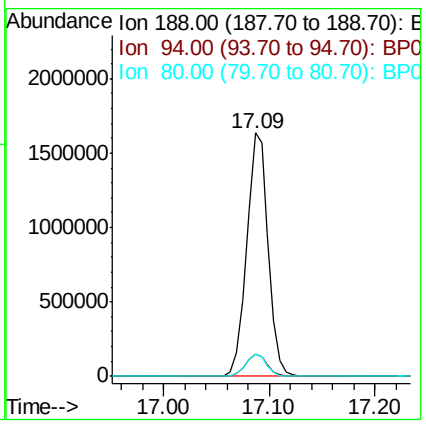


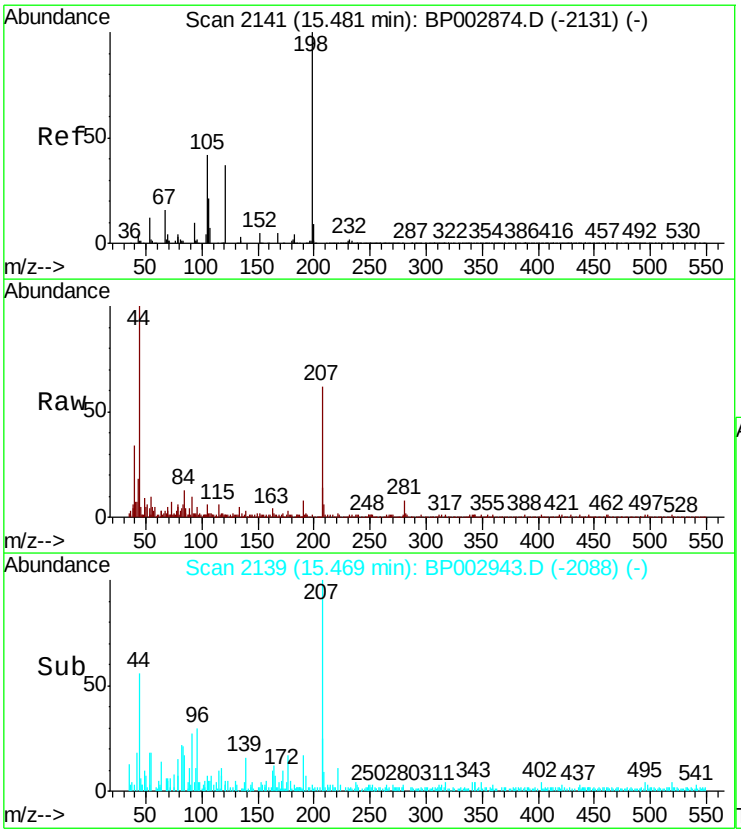
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Instrument :
BNA_P
ClientSampleId :
PB130895TB

Tgt Ion:188 Resp: 2302938

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.6
80	9.3	7.0	10.6

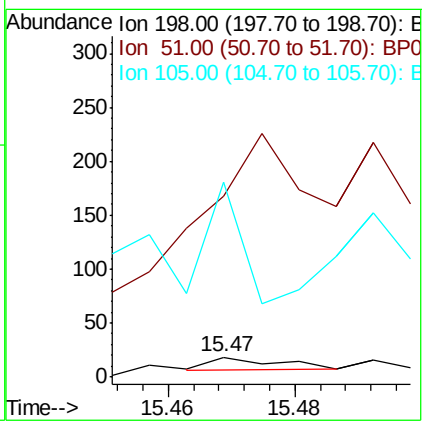


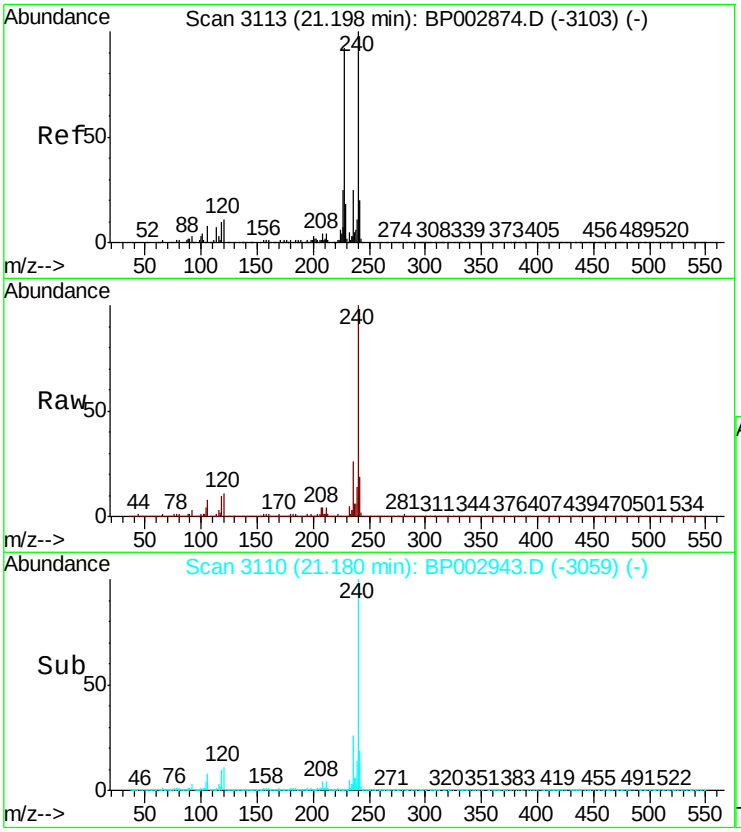


#65
4,6-Dinitro-2-methylphenol
Concen: 6.901 ng
RT: 15.47 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Tgt Ion:198 Resp: 9

Ion	Ratio	Lower	Upper
198	100		
51	933.3	6.5	46.5#
105	1005.6	20.4	60.4#



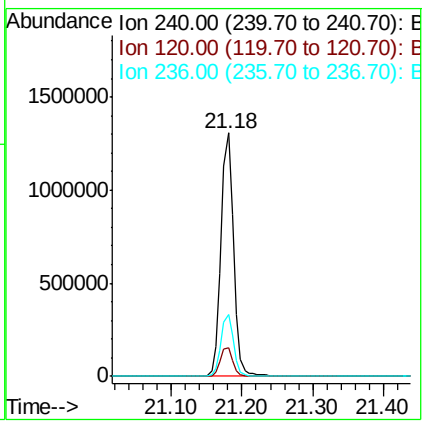


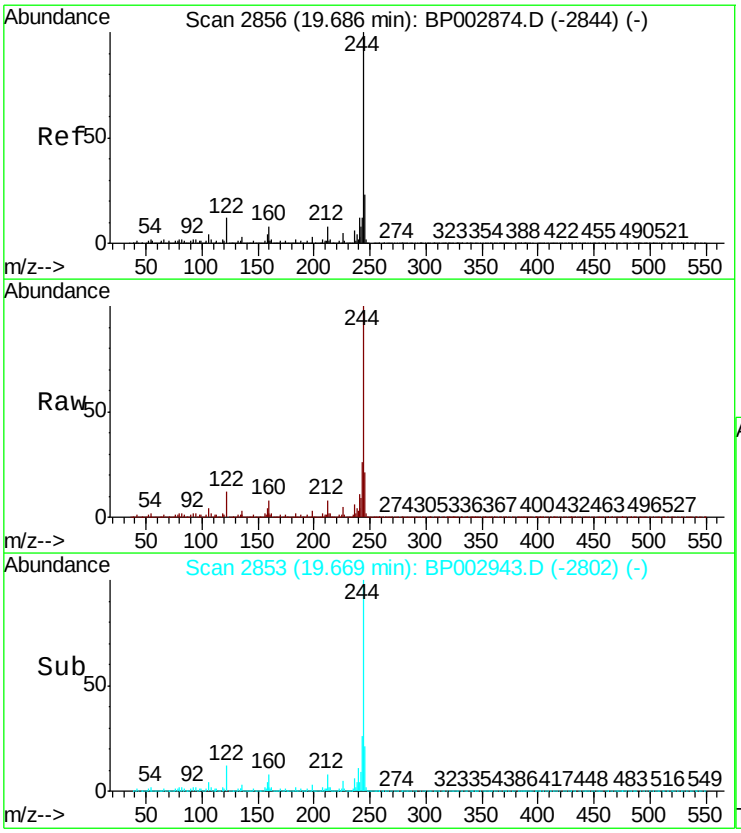
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Instrument :
BNA_P
ClientSampleId :
PB130895TB

Tgt Ion:240 Resp: 1617071

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.6	16.0
236	25.6	20.7	31.1

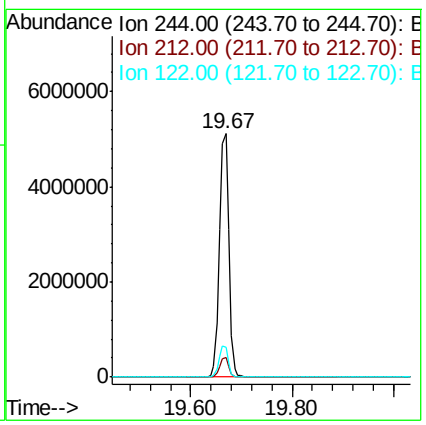


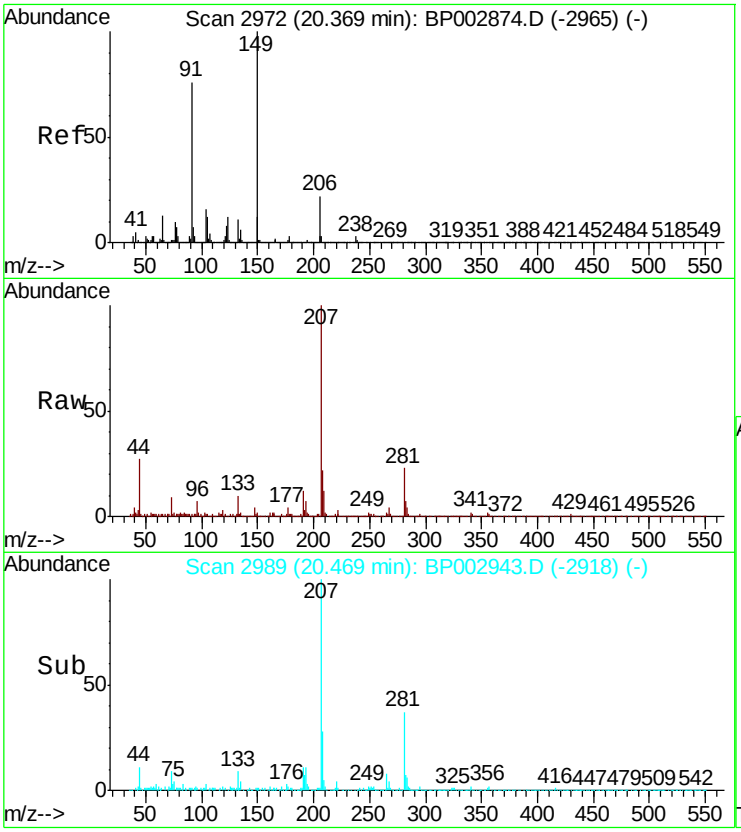


#79
Terphenyl-d14
Concen: 82.145 ng
RT: 19.67 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Tgt Ion:244 Resp: 6635244

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	12.1	9.9	14.9



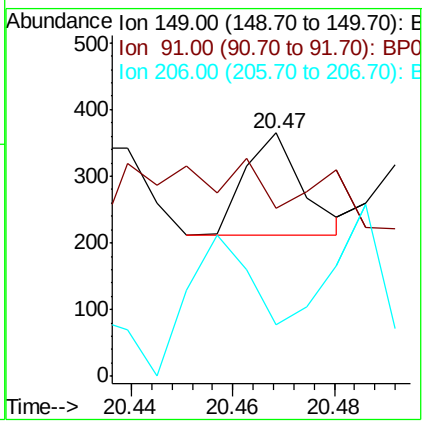


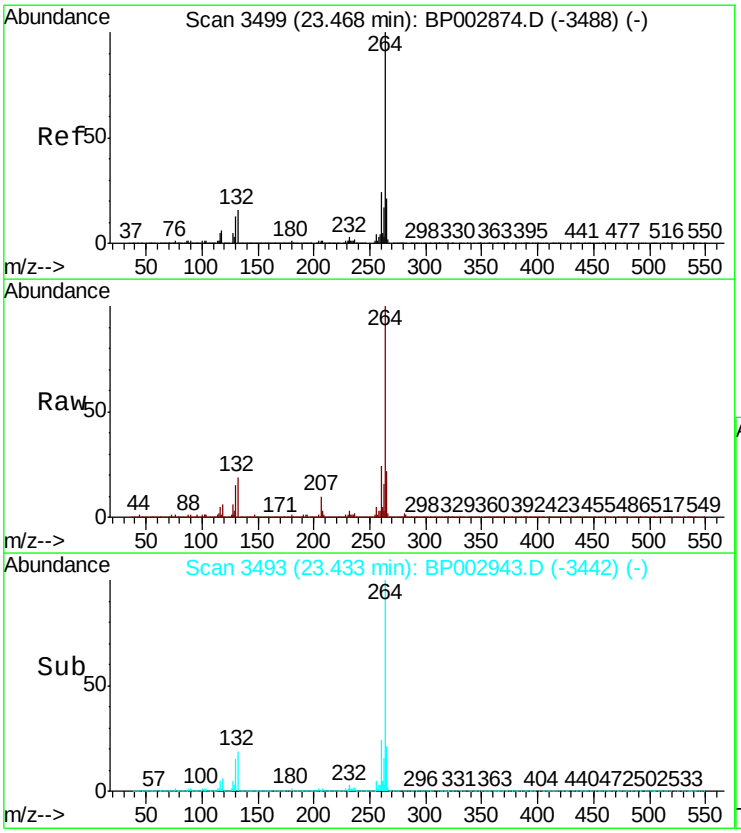
#80
Butylbenzylphthalate
Concen: 3.060 ng
RT: 20.47 min Scan# 2989
Delta R.T. 0.12 min
Lab File: BP002943.D
Acq: 11 Aug 2020 17:53

Instrument :
BNA_P
ClientSampleId :
PB130895TB

Tgt Ion:149 Resp: 122

Ion	Ratio	Lower	Upper
149	100		
91	69.0	46.5	69.7
206	21.4	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: BP002943.D
Acq: 11 Aug 2020 17:53

Tgt Ion:264 Resp: 1443740

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.5	17.6	26.4