Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002990.D
Acq On : 14 Aug 2020 18:11
Operator : CG/JU
Sample : L3648-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Aug 14 18:41:20 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	7.69	152	403228	20.00	ng		-0.01
21) Naphthalene-d8	10.47	136	1437734	20.00	ng		-0.01
39) Acenaphthene-d10	14.33	164	822991	20.00	ng		-0.01
64) Phenanthrene-d10	17.08	188	1705547	20.00	ng		-0.01
76) Chrysene-d12	21.17	240	1831424	20.00	ng		0.00
86) Perylene-d12	23.42	264	2038319	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1048256	39.79	ng		0.00
7) Phenol-d6	6.86	99	742394	20.30	ng		-0.02
23) Nitrobenzene-d5	8.83	82	1709063	64.38	ng		-0.01
42) 2,4,6-Tribromophenol	15.82	330	1193563	116.69	ng		-0.01
45) 2-Fluorobiphenyl	12.95	172	4498462	74.68	ng		-0.01
79) Terphenyl-d14	19.66	244	5949450	65.03	ng		-0.01
Target Compounds							Qvalue
26) 2-Nitrophenol	9.57	139	15	4.522	ng	#	1
32) Benzoic acid	9.77	122	219	7.700	ng		84
48) 2-Nitroaniline	13.40	65	88	3.978	ng	#	17
51) 2,6-Dinitrotoluene	14.01	165	62	2.903	ng		91
53) 3-Nitroaniline	14.23	138	70	3.278	ng	#	43
54) 2,4-Dinitrophenol	14.42	184	21	8.060	ng	#	1
57) 2,4-Dinitrotoluene	14.68	165	128	3.812	ng	#	35
62) 4-Nitroaniline	15.40	138	51	2.419	ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.47	198	13	6.901	ng	#	1
80) Butylbenzylphthalate	20.17	149	217	3.062	ng		88

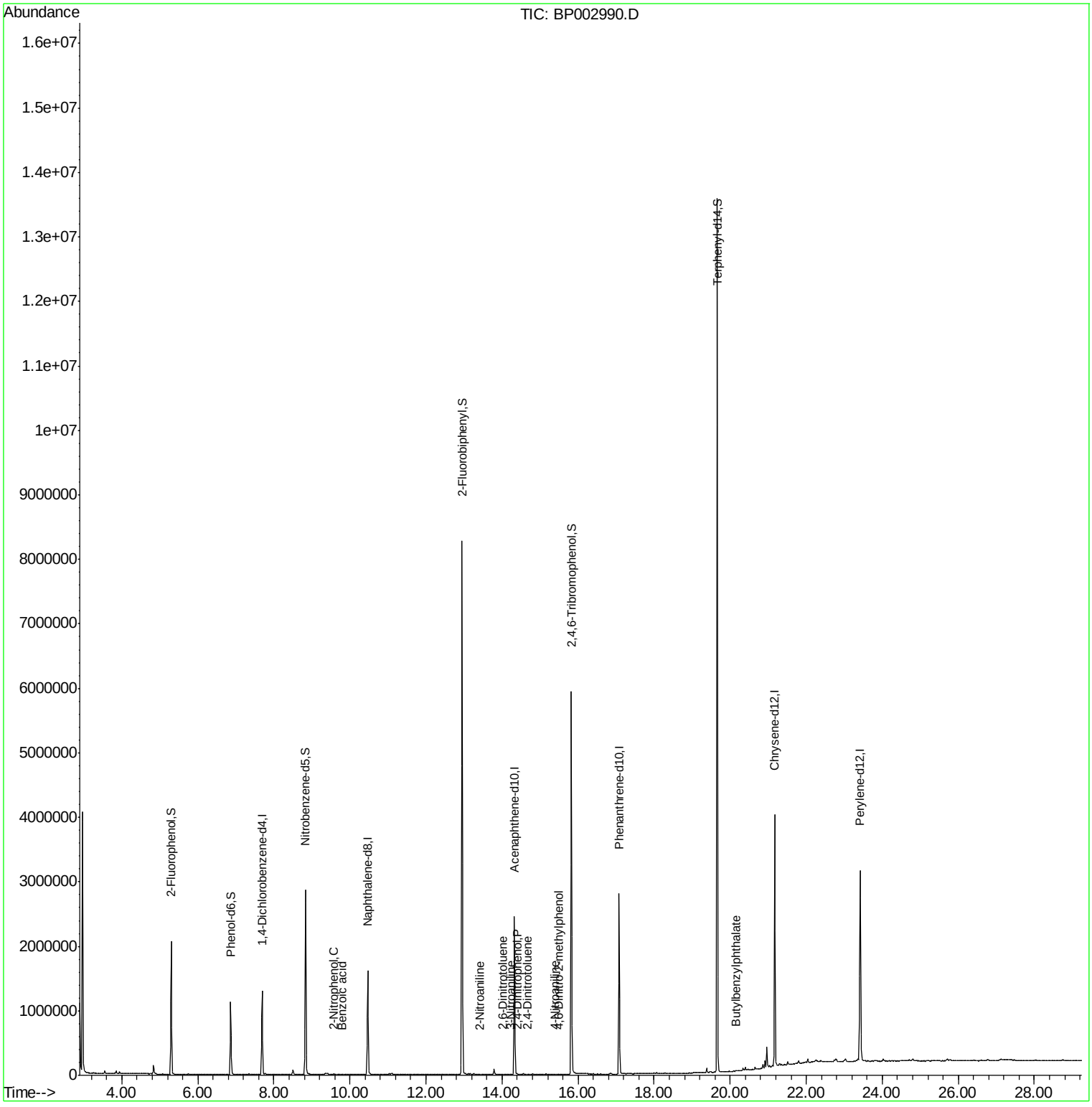
(#) = qualifier out of range (m) = manual integration (+) = signals summed

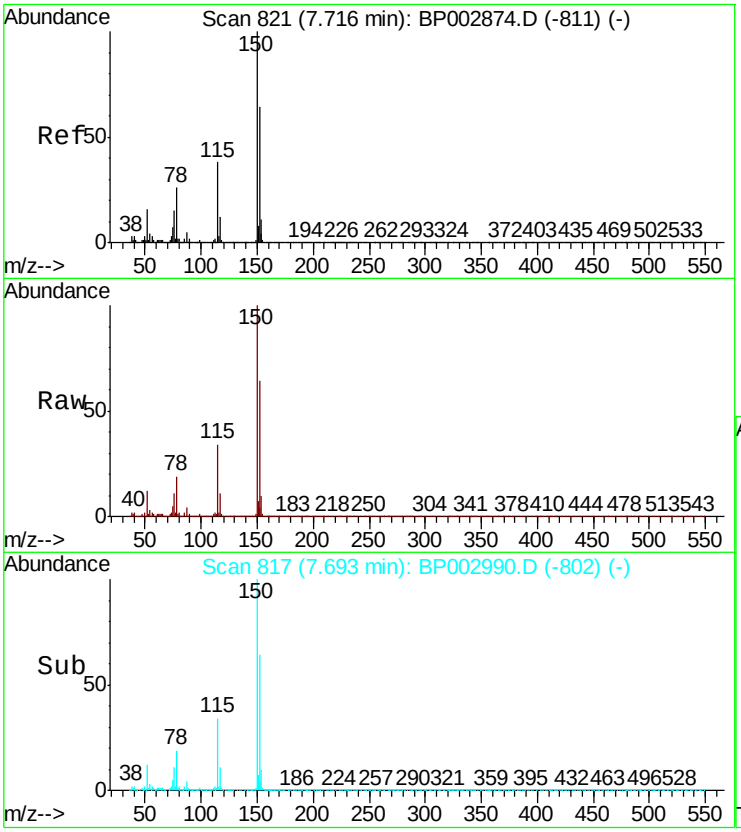
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002990.D
Acq On : 14 Aug 2020 18:11
Operator : CG/JU
Sample : L3648-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 14 18:41:20 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



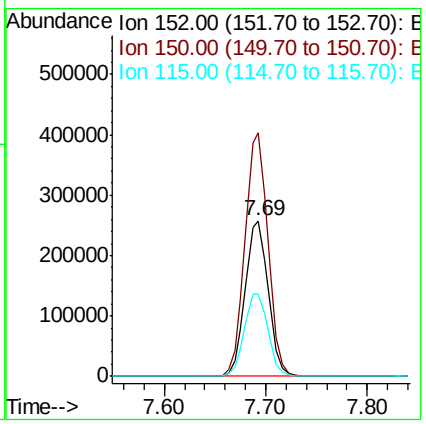


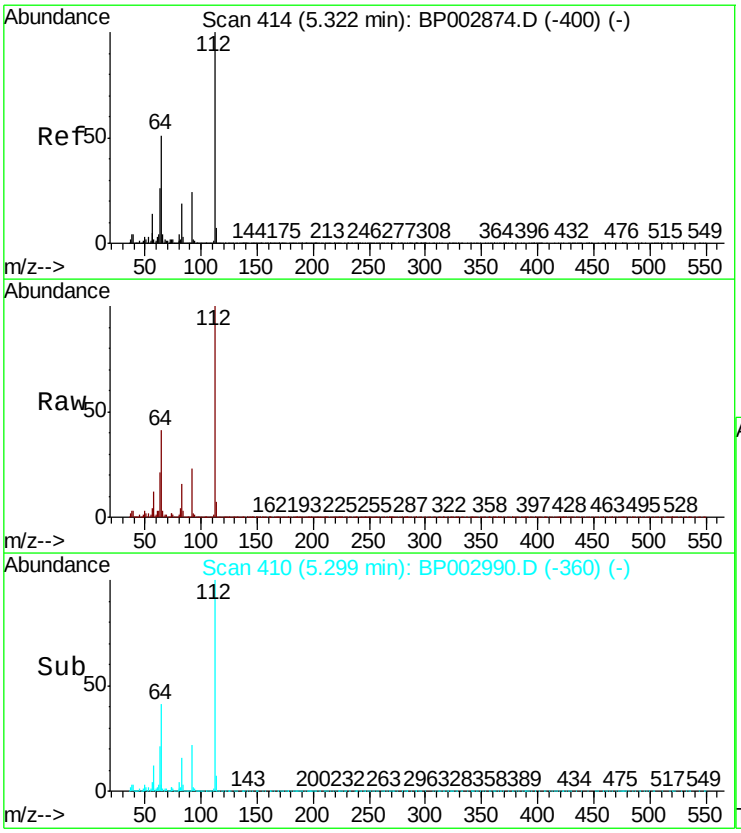
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 403228

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.4
115	52.9	42.1	63.1

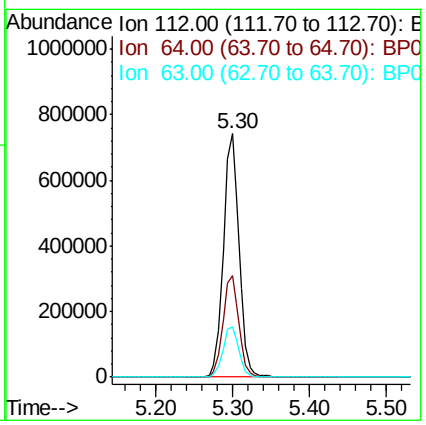


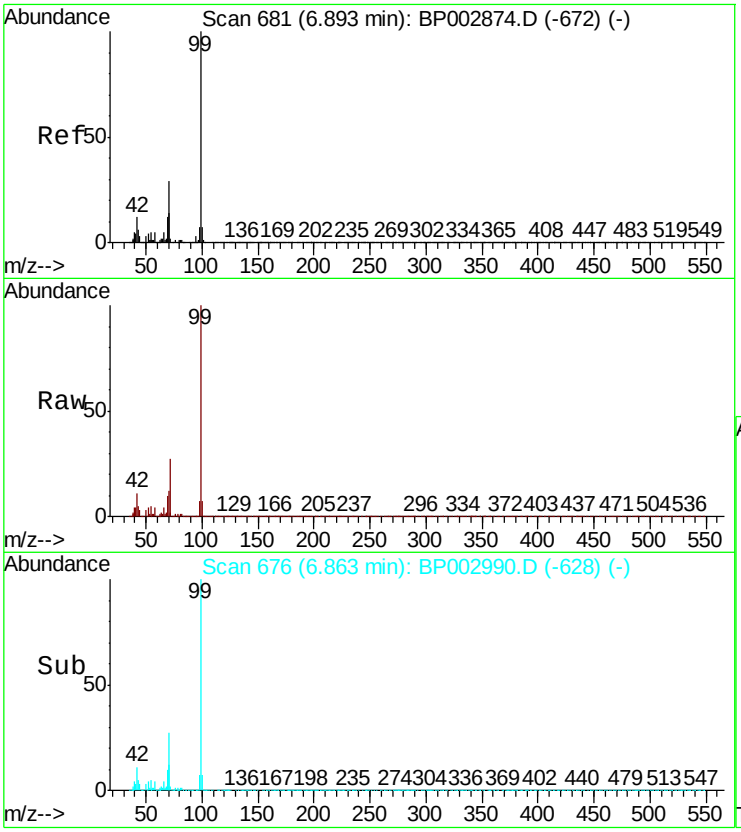


#5
2-Fluorophenol
Concen: 39.788 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Tgt Ion:112 Resp: 1048256

Ion	Ratio	Lower	Upper
112	100		
64	41.5	33.8	50.8
63	20.7	17.2	25.8



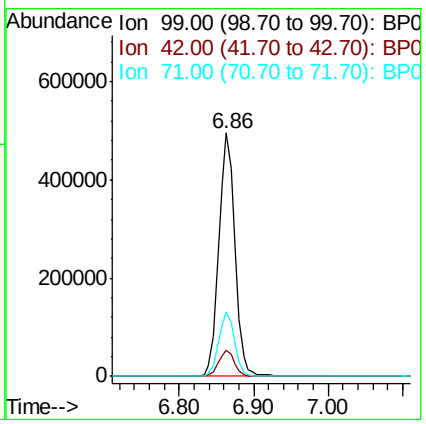


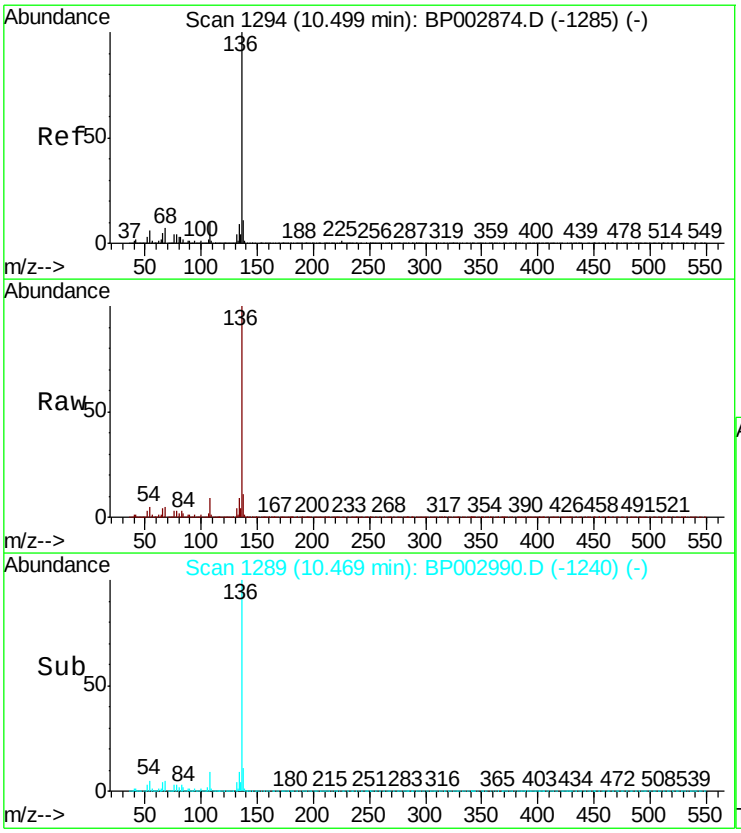
#7
Phenol-d6
Concen: 20.296 ng
RT: 6.86 min Scan# 676
Delta R.T. -0.02 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 742394

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.1	12.1
71	26.6	21.0	31.4

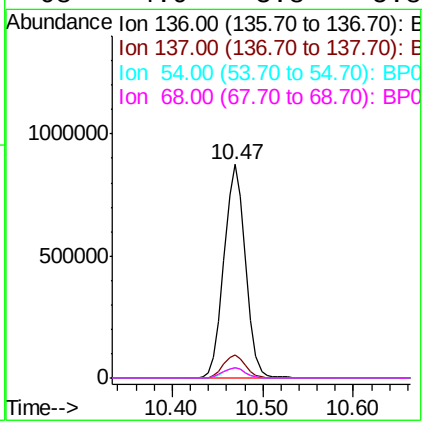


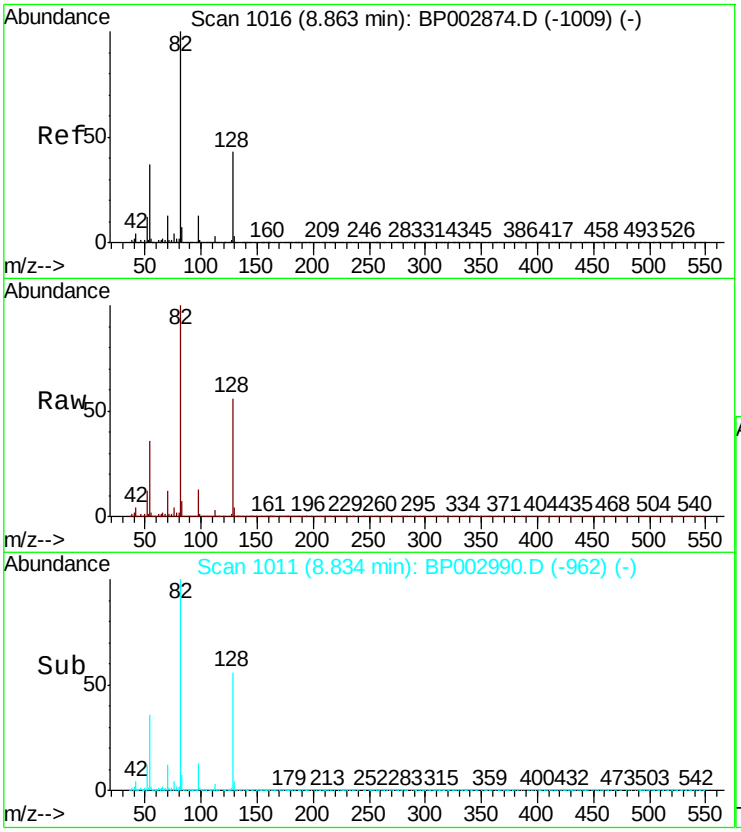


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Tgt Ion:136 Resp: 1437734

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



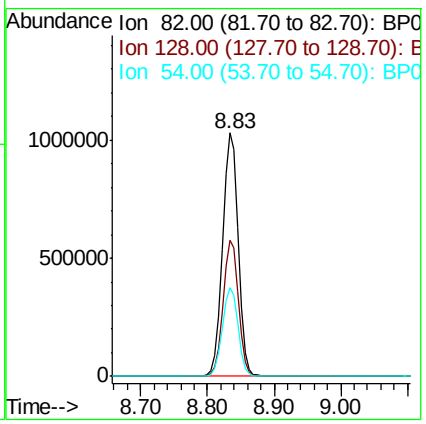


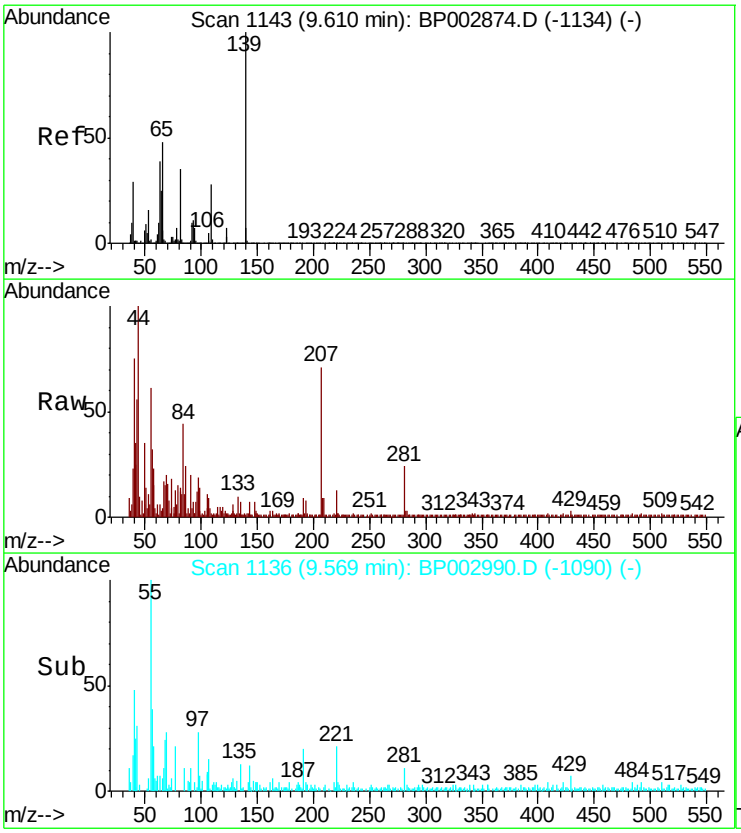
#23
Nitrobenzene-d5
Concen: 64.384 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1709063

Ion	Ratio	Lower	Upper
82	100		
128	55.8	44.6	66.8
54	36.4	29.2	43.8

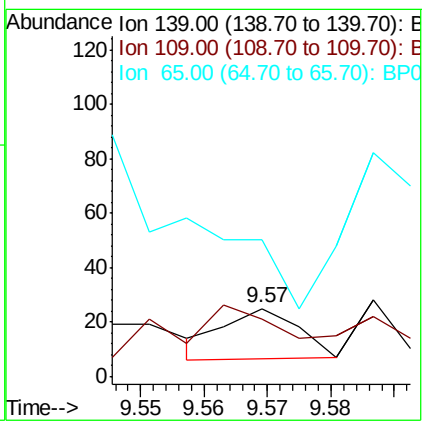


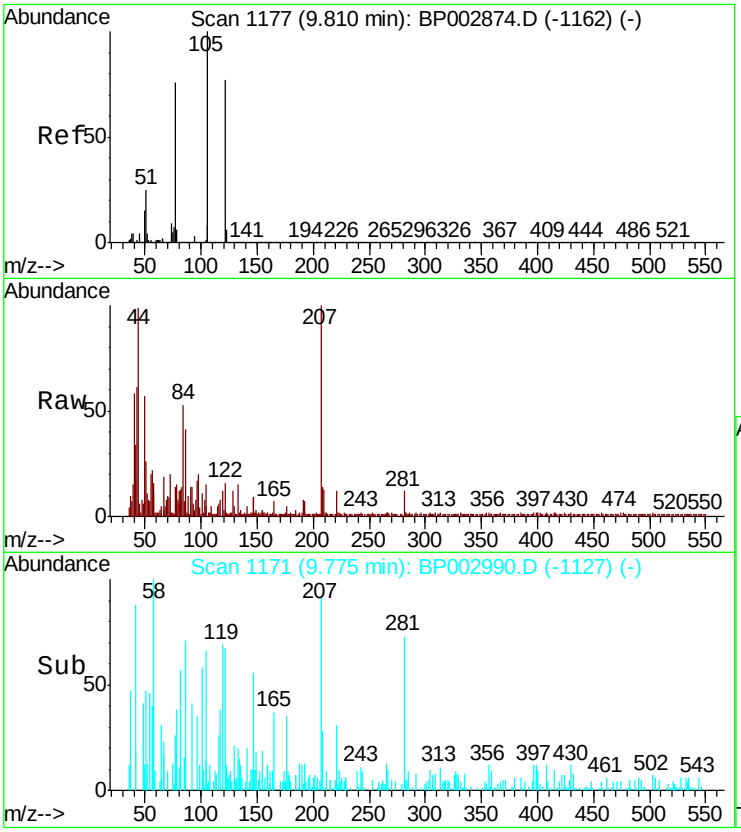


#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.57 min Scan# 1136
Delta R.T. -0.03 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Tgt Ion:139 Resp: 15

Ion	Ratio	Lower	Upper
139	100		
109	152.0	19.5	29.3#
65	332.0	26.6	40.0#



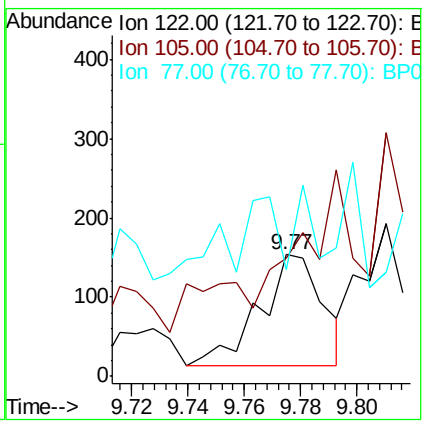


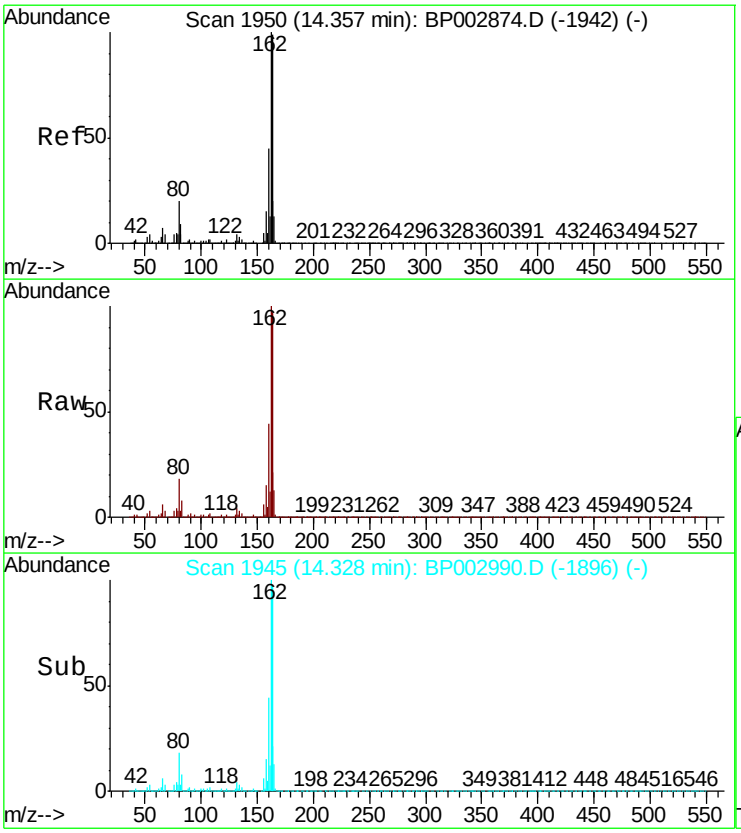
#32
Benzoic acid
Concen: 7.700 ng
RT: 9.77 min Scan# 1171
Delta R.T. -0.04 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:122 Resp: 219

Ion	Ratio	Lower	Upper
122	100		
105	97.4	95.8	135.8
77	87.7	54.7	94.7

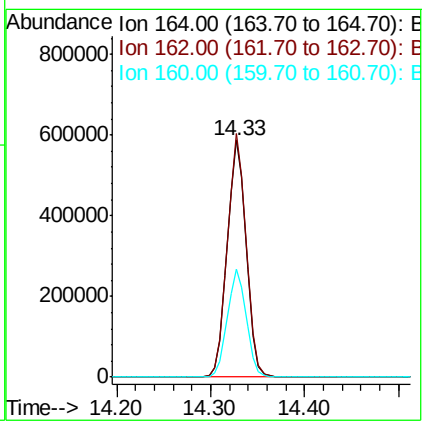


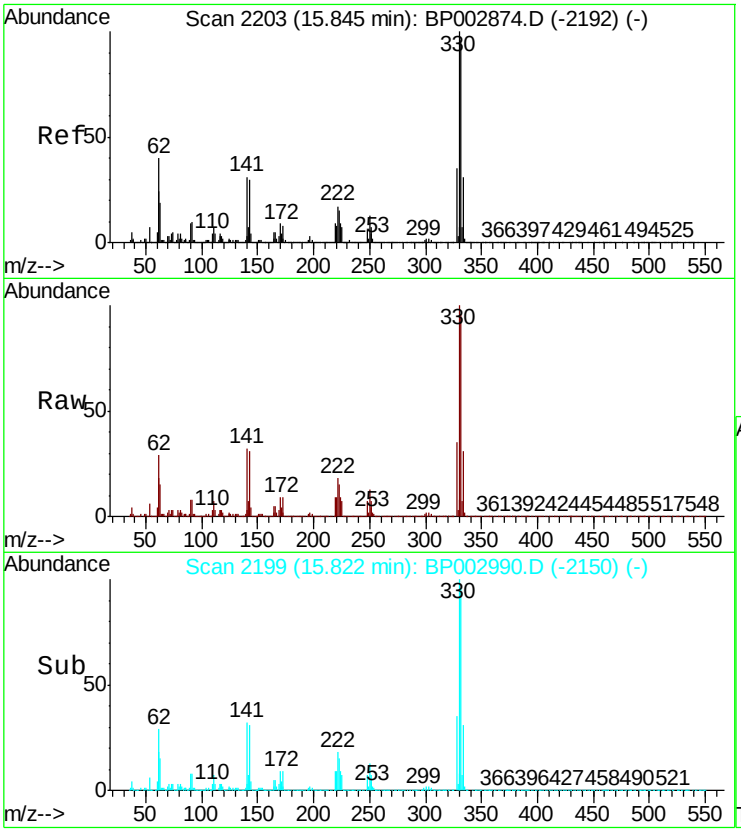


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Tgt Ion:164 Resp: 822991

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.0	121.4
160	45.5	36.2	54.4



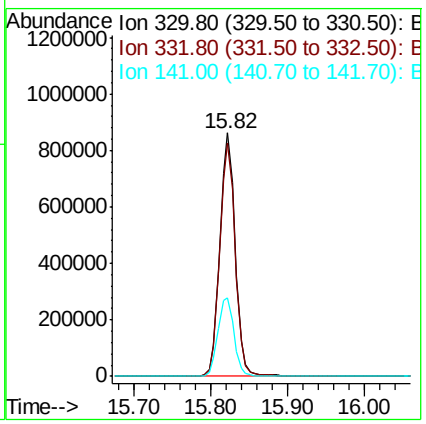


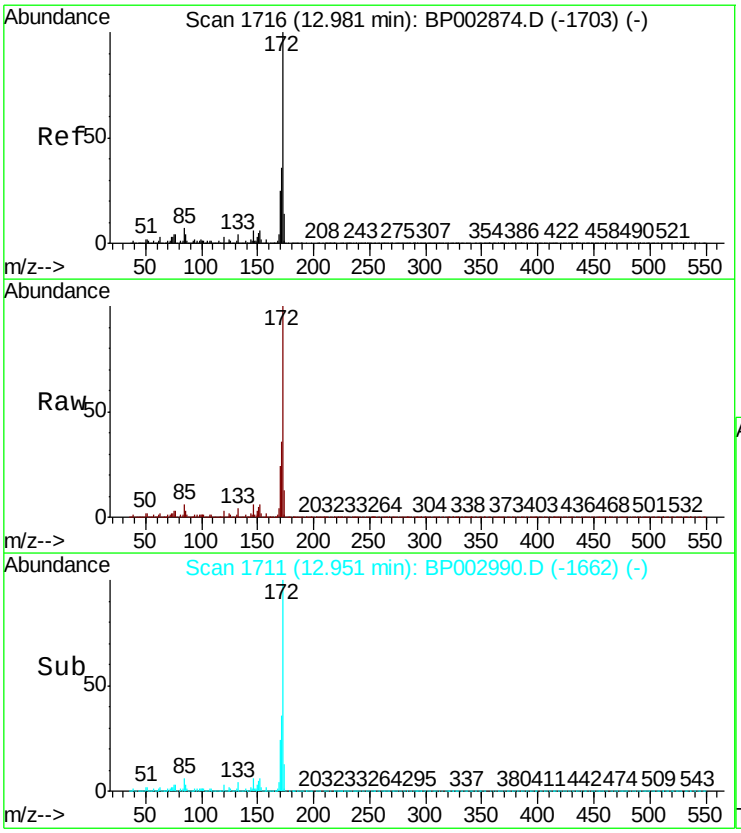
#42
2,4,6-Tribromophenol
Concen: 116.686 ng
RT: 15.82 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 1193563

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.4
141	33.8	28.6	43.0

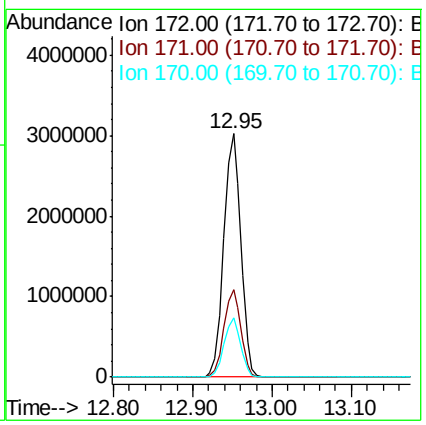


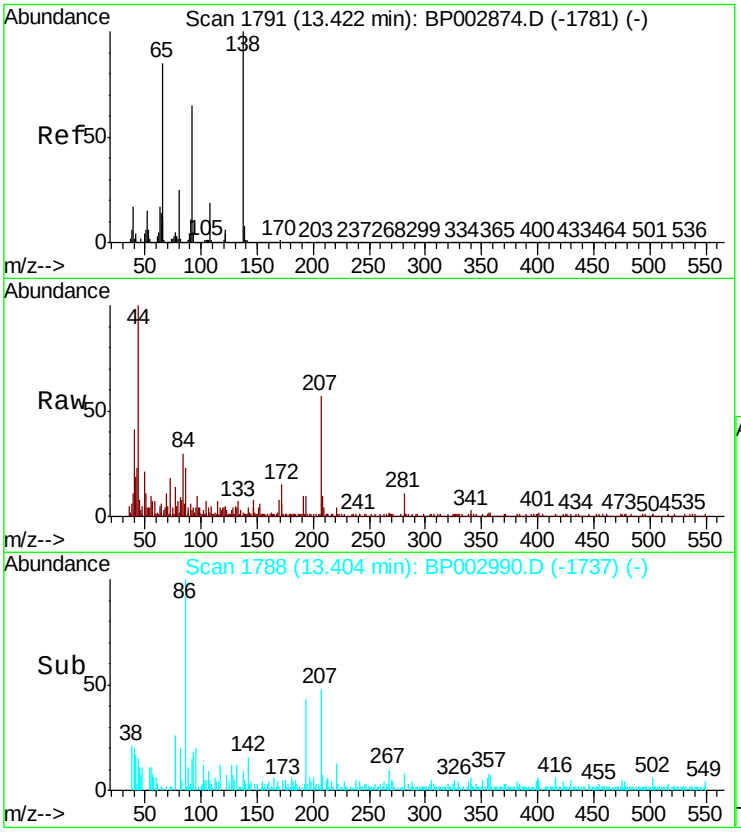


#45
2-Fluorobiphenyl
Concen: 74.682 ng
RT: 12.95 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Tgt Ion:172 Resp: 4498462

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.1	19.6	29.4



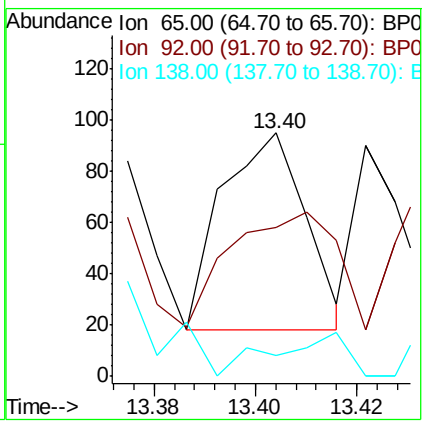


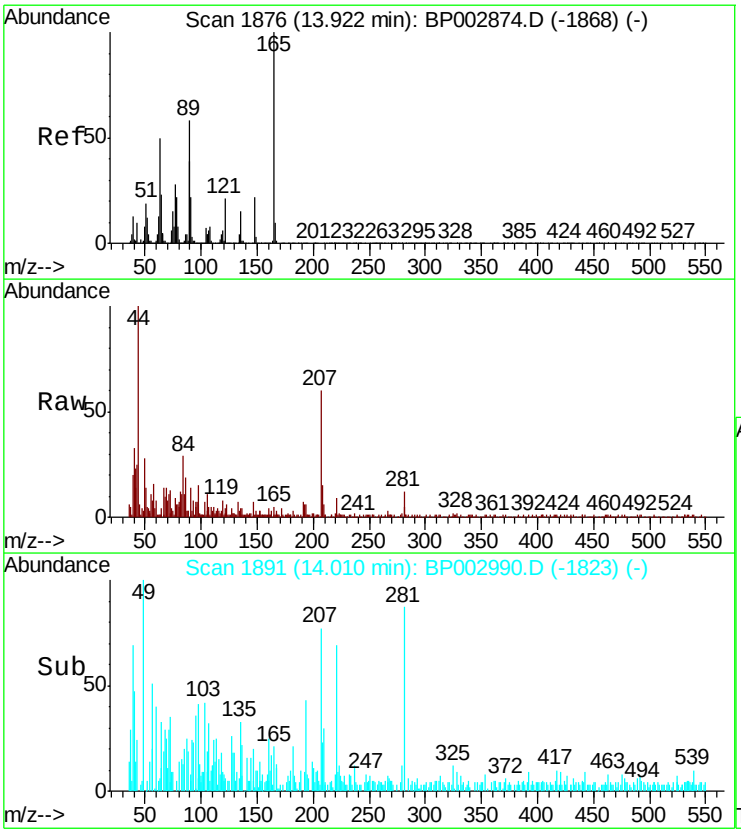
#48
2-Nitroaniline
Concen: 3.978 ng
RT: 13.40 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 65 Resp: 88

Ion	Ratio	Lower	Upper
65	100		
92	61.1	69.6	104.4#
138	8.4	125.6	188.4#

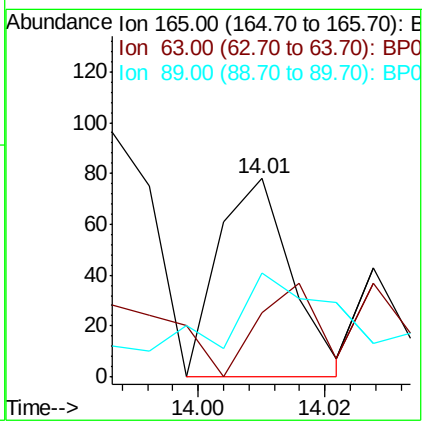


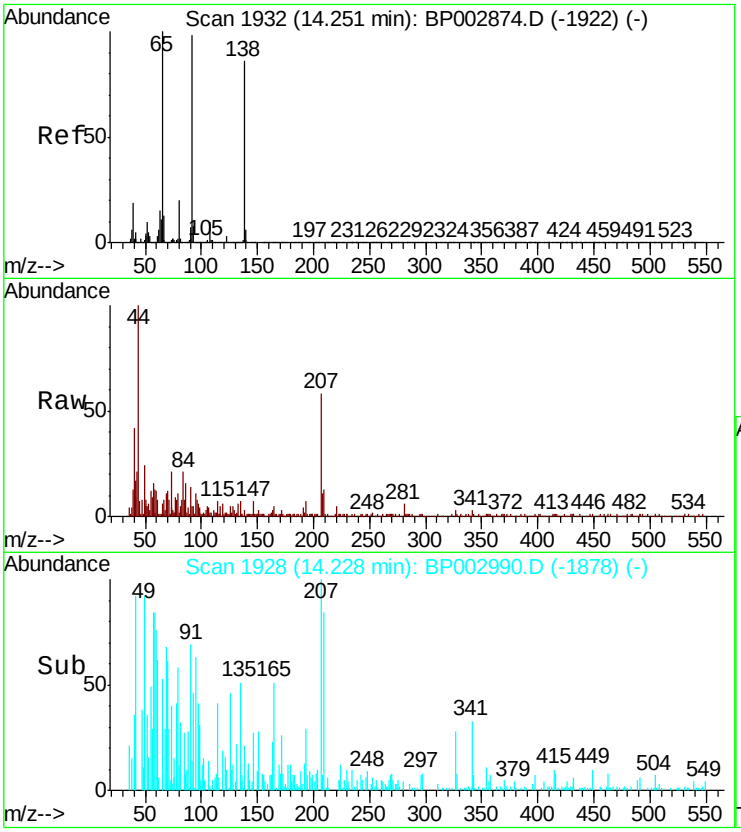


#51
2,6-Dinitrotoluene
Concen: 2.903 ng
RT: 14.01 min Scan# 1891
Delta R.T. 0.10 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Tgt Ion:165 Resp: 62

Ion	Ratio	Lower	Upper
165	100		
63	32.1	27.5	41.3
89	52.6	35.3	52.9



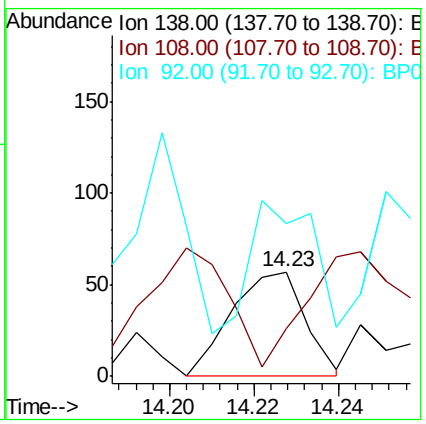


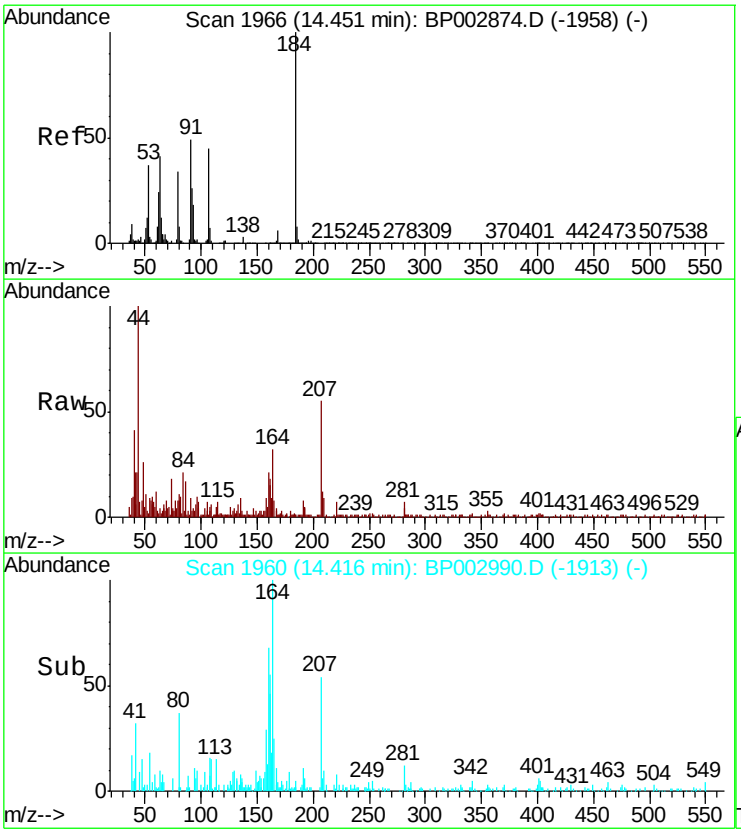
#53
3-Nitroaniline
Concen: 3.278 ng
RT: 14.23 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:138 Resp: 70

Ion	Ratio	Lower	Upper
138	100		
108	45.6	7.2	10.8#
92	145.6	75.8	113.6#

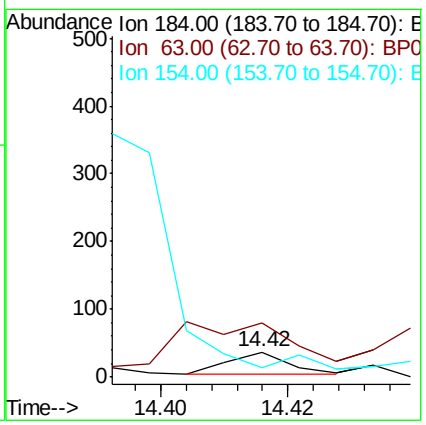


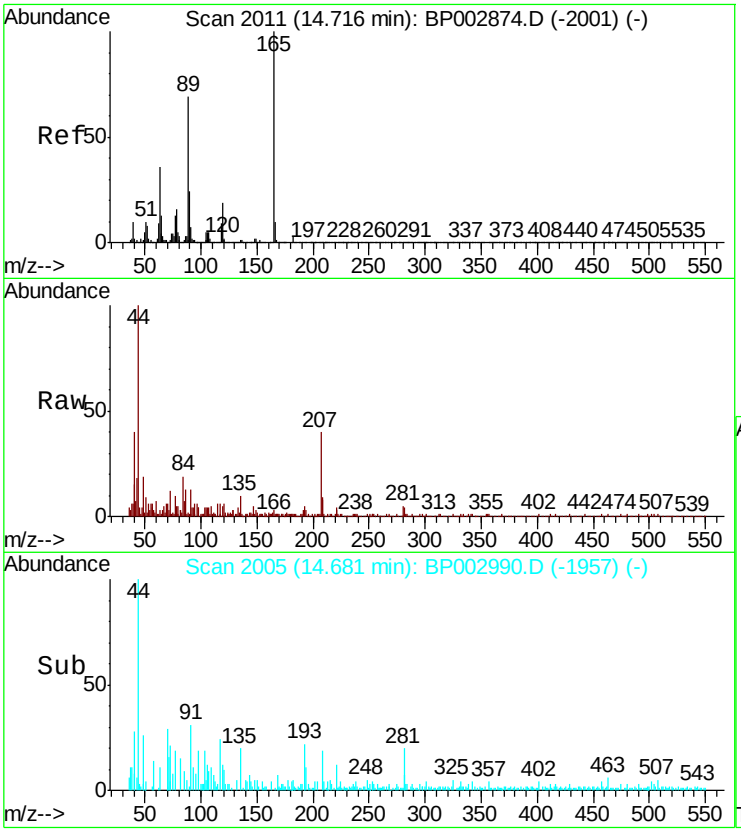


#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.42 min Scan# 1960
Delta R.T. -0.02 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Tgt Ion:184 Resp: 21

Ion	Ratio	Lower	Upper
184	100		
63	213.5	36.4	54.6#
154	35.1	46.6	69.8#



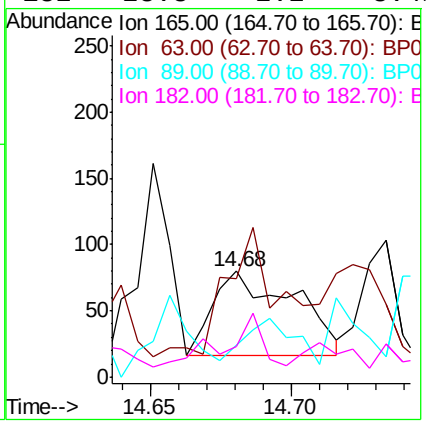


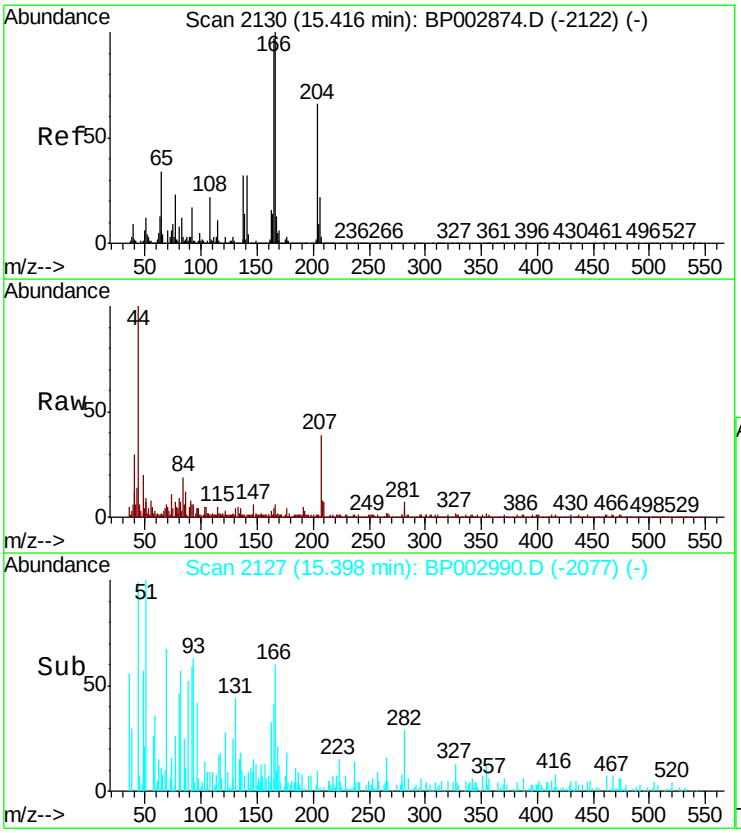
#57
2,4-Dinitrotoluene
Concen: 3.812 ng
RT: 14.68 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 128

Ion	Ratio	Lower	Upper
165	100		
63	92.5	22.6	34.0#
89	30.0	46.2	69.2#
182	28.8	2.2	3.4#

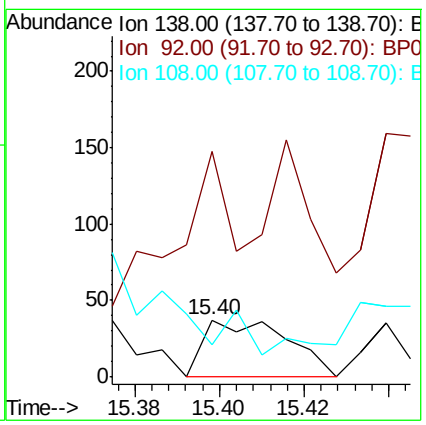


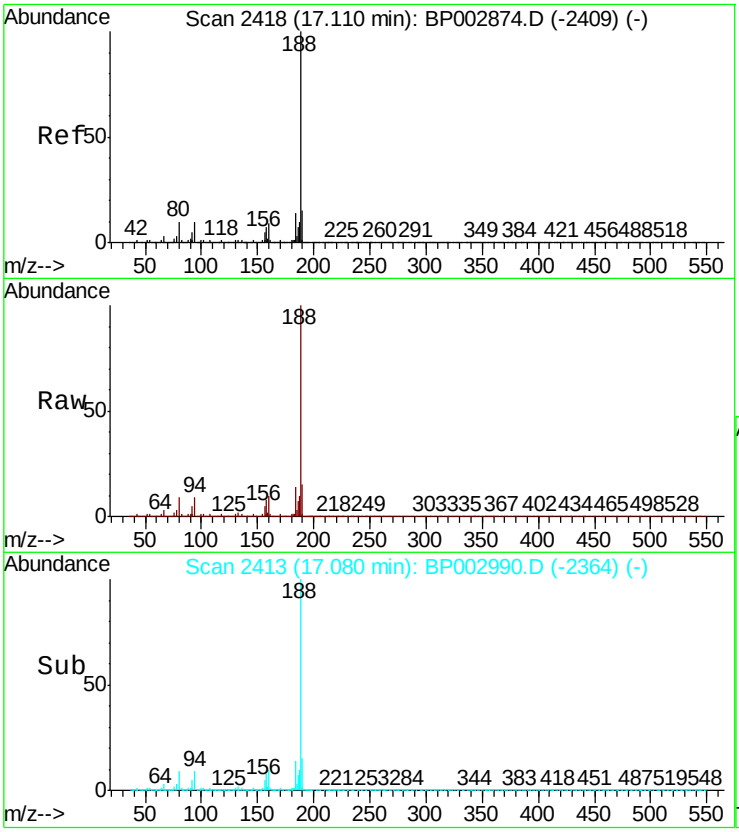


#62
4-Nitroaniline
Concen: 2.419 ng
RT: 15.40 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Tgt Ion:138 Resp: 51

Ion	Ratio	Lower	Upper
138	100		
92	400.0	21.2	61.2#
108	56.8	40.5	80.5



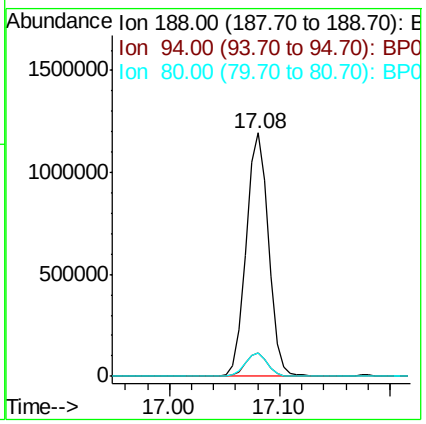


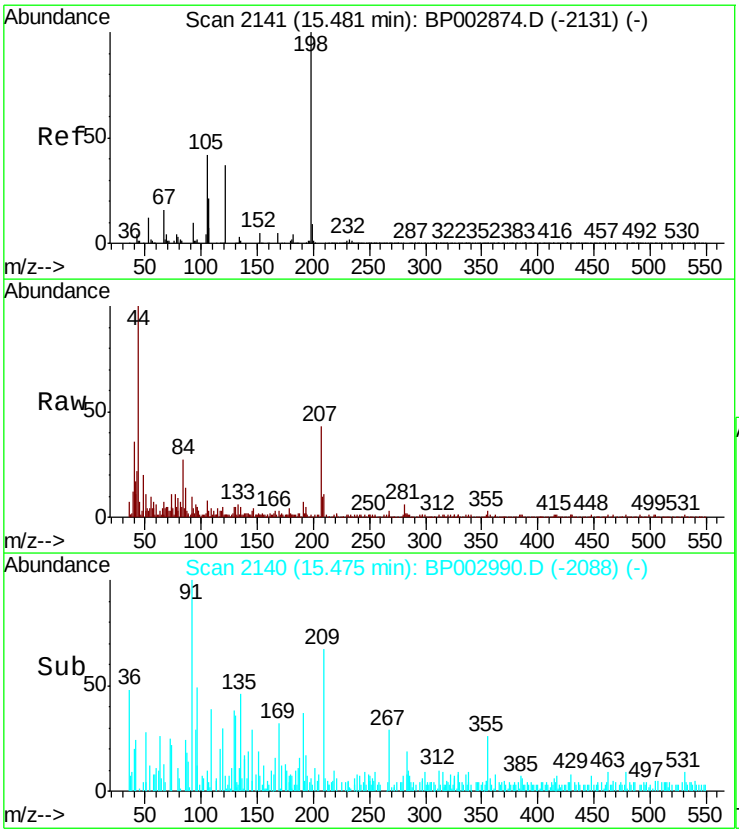
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1705547

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.6
80	9.4	7.0	10.6

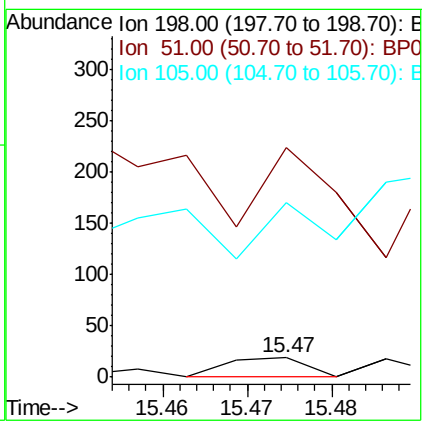


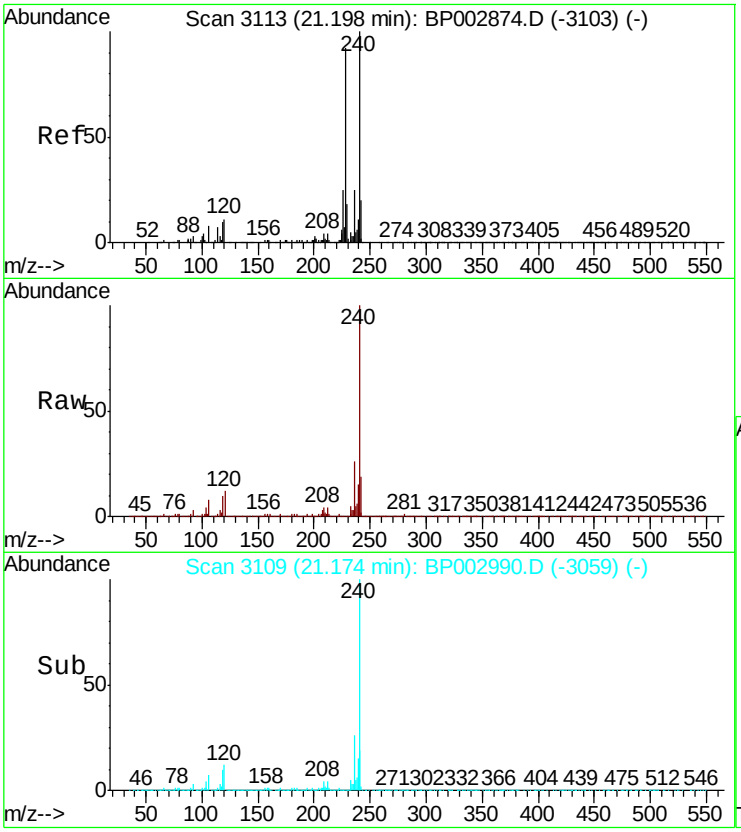


#65
4,6-Dinitro-2-methylphenol
Concen: 6.901 ng
RT: 15.47 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Tgt Ion:198 Resp: 13

Ion	Ratio	Lower	Upper
198	100		
51	1178.9	6.5	46.5#
105	894.7	20.4	60.4#



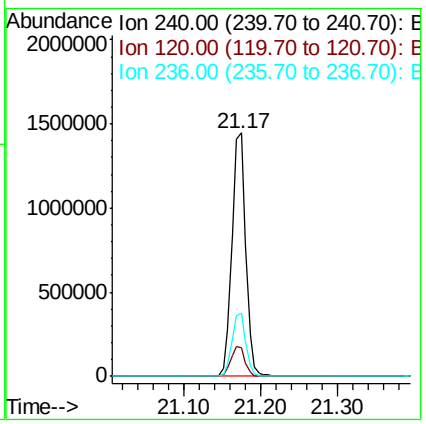


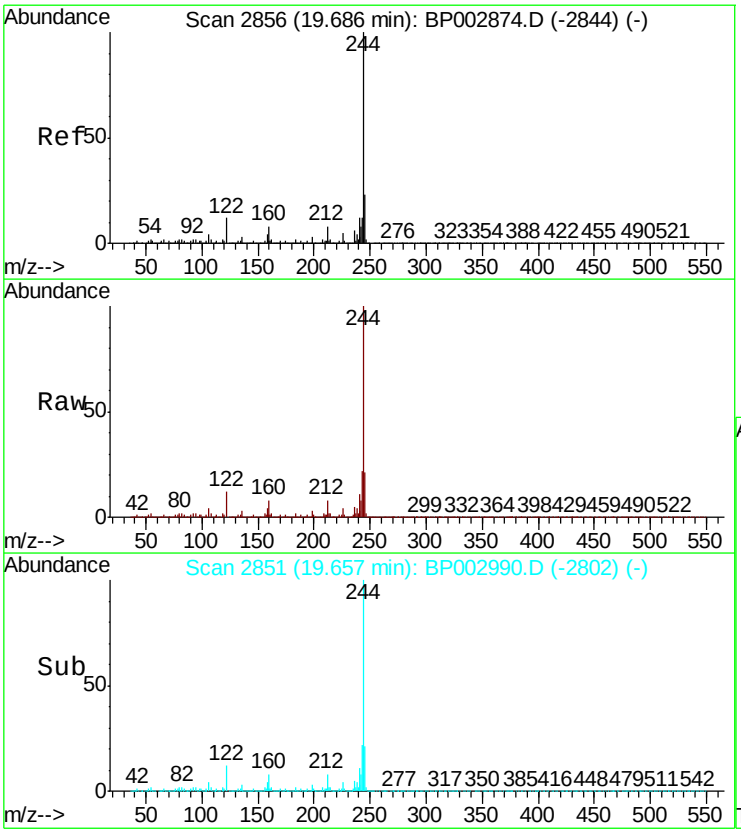
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 1831424

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.6	16.0
236	25.9	20.7	31.1

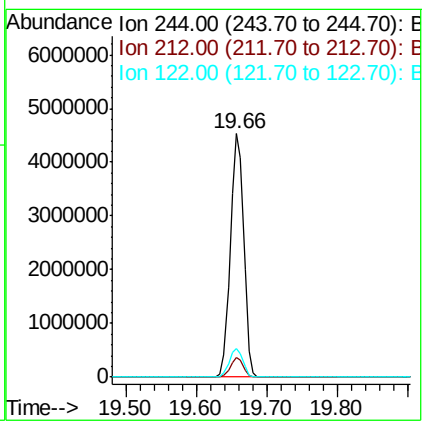


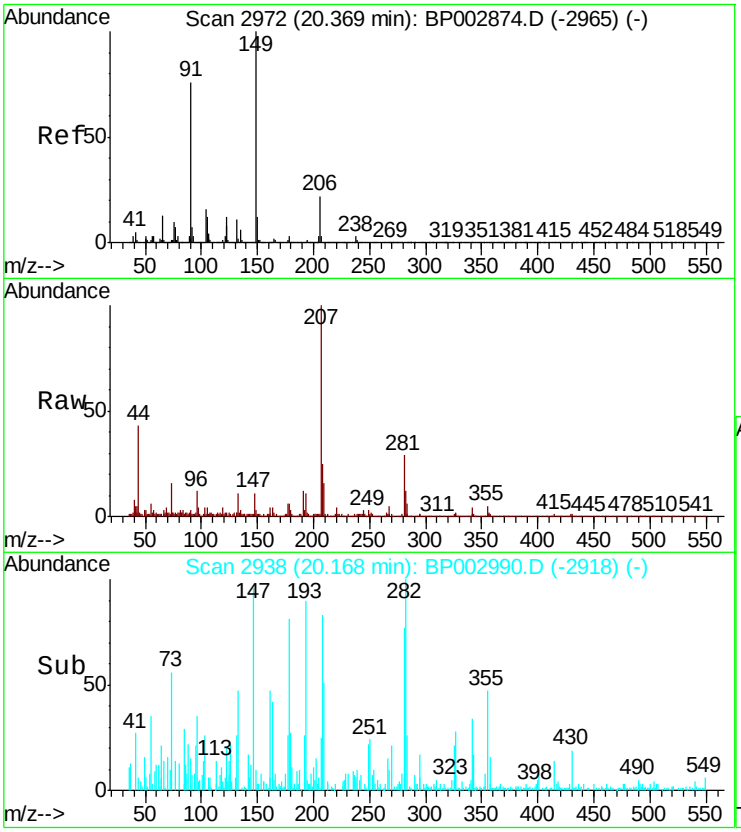


#79
Terphenyl-d14
Concen: 65.034 ng
RT: 19.66 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Tgt Ion:244 Resp: 5949450

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	12.0	9.9	14.9



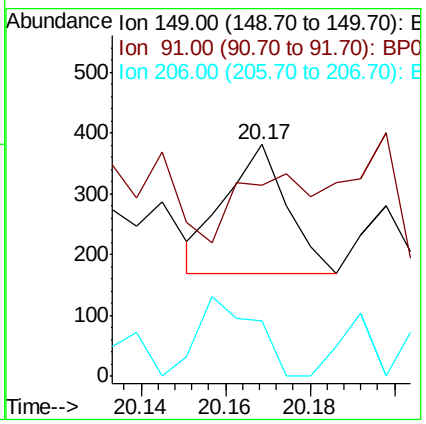


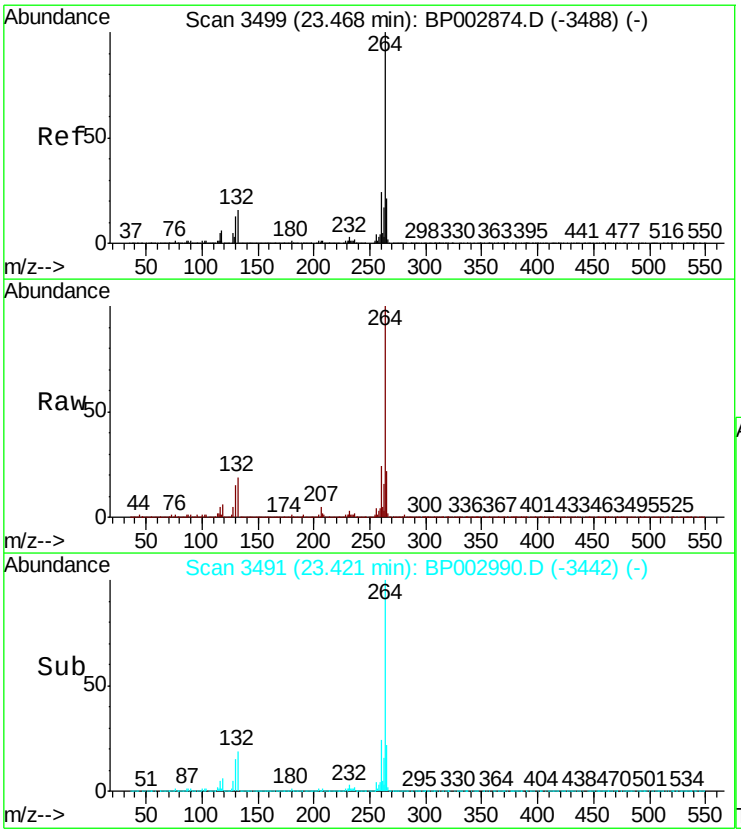
#80
Butylbenzylphthalate
Concen: 3.062 ng
RT: 20.17 min Scan# 2938
Delta R.T. -0.18 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 217

Ion	Ratio	Lower	Upper
149	100		
91	69.5	46.5	69.7
206	20.3	17.2	25.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BP002990.D
Acq: 14 Aug 2020 18:11

Tgt Ion:264 Resp: 2038319

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.7	17.6	26.4