Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003003.D
Acq On : 17 Aug 2020 15:28
Operator : CG/JU
Sample : L3504-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EO-02-081120

Quant Time: Aug 18 01:10:23 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	7.69	152	333810	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1485000	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	742560	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1509251	20.00	ng		0.00
76) Chrysene-d12	21.17	240	1586098	20.00	ng		0.00
86) Perylene-d12	23.42	264	1807726	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2331098	106.88	ng		0.00
7) Phenol-d6	6.86	99	2413809	79.71	ng		0.00
23) Nitrobenzene-d5	8.83	82	1686234	61.50	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	1194611	129.44	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	4336143	79.78	ng		0.00
79) Terphenyl-d14	19.66	244	5426283	68.49	ng		0.00
Target Compounds							Qvalue
26) 2-Nitrophenol	9.55	139	79	4.526	ng	#	1
32) Benzoic acid	9.75	122	2829	7.858	ng		85
48) 2-Nitroaniline	13.38	65	64	3.977	ng	#	8
51) 2,6-Dinitrotoluene	13.73	165	113	2.907	ng		93
53) 3-Nitroaniline	14.22	138	181	3.286	ng	#	49
54) 2,4-Dinitrophenol	14.42	184	14	8.060	ng	#	1
57) 2,4-Dinitrotoluene	14.70	165	110	3.812	ng	#	51
62) 4-Nitroaniline	15.26	138	116	2.424	ng		88
65) 4,6-Dinitro-2-methylphenol	15.46	198	40	6.905	ng	#	1
80) Butylbenzylphthalate	20.47	149	189	3.062	ng		98

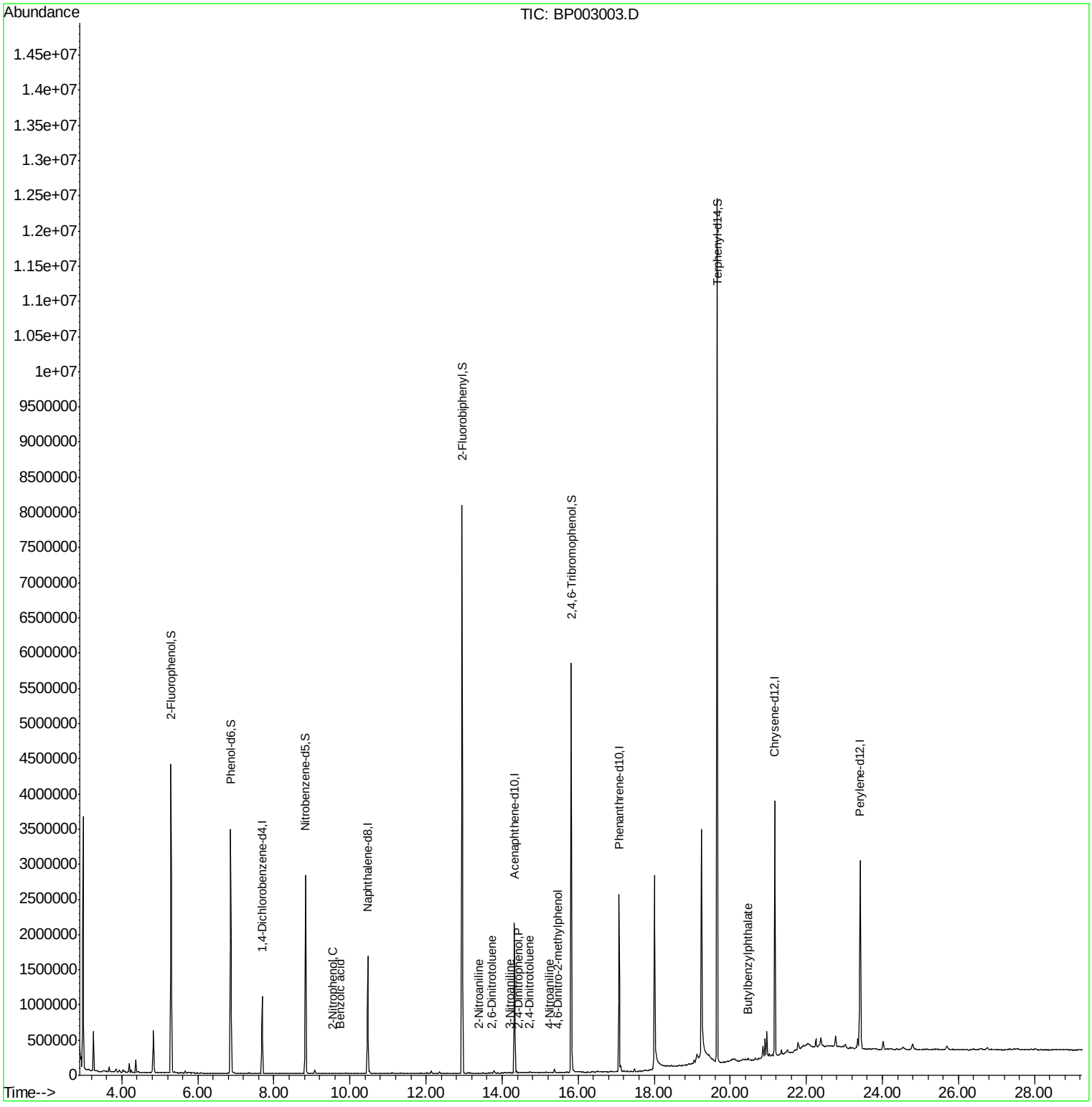
(#) = qualifier out of range (m) = manual integration (+) = signals summed

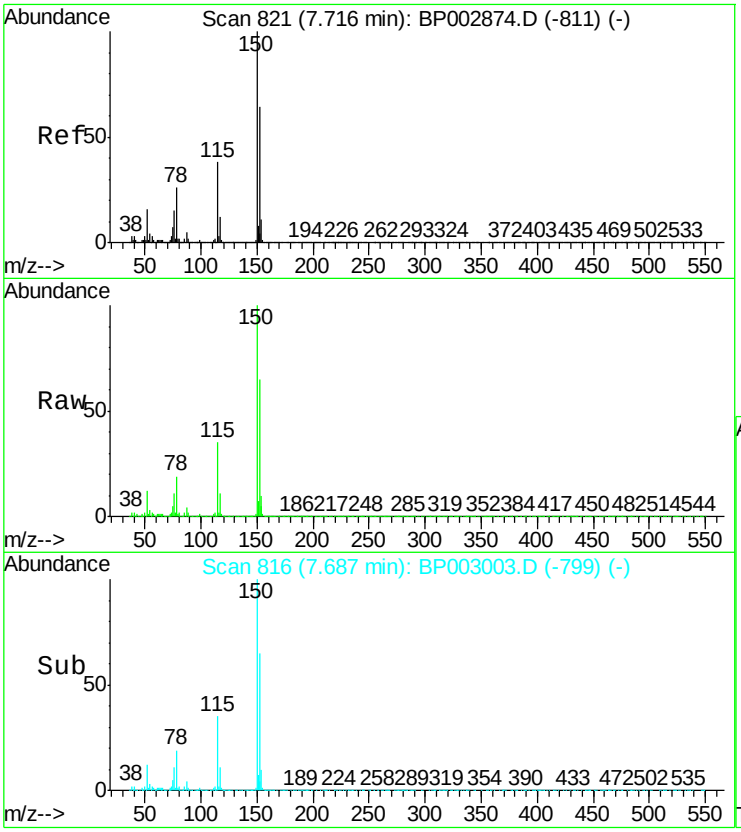
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003003.D
Acq On : 17 Aug 2020 15:28
Operator : CG/JU
Sample : L3504-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EO-02-081120

Quant Time: Aug 18 01:10:23 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



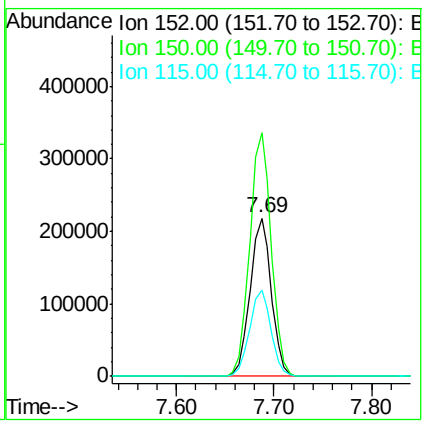


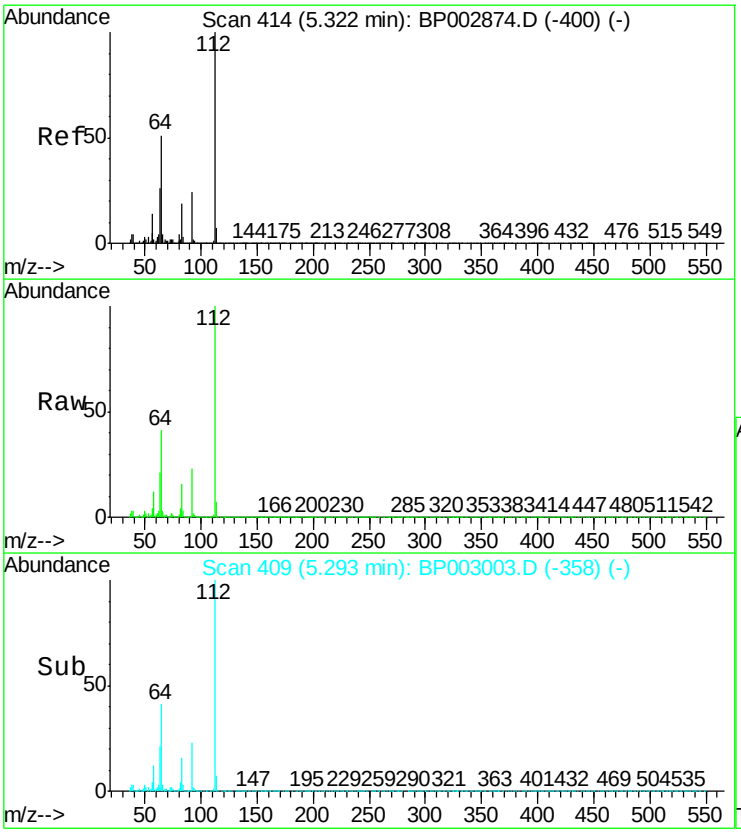
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. 0.00 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Instrument :
BNA_P
ClientSampleId :
EO-02-081120

Tgt Ion:152 Resp: 333810

Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.1	189.1
115	54.3	43.4	65.2

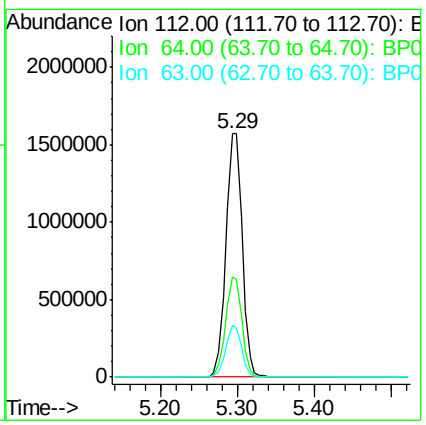


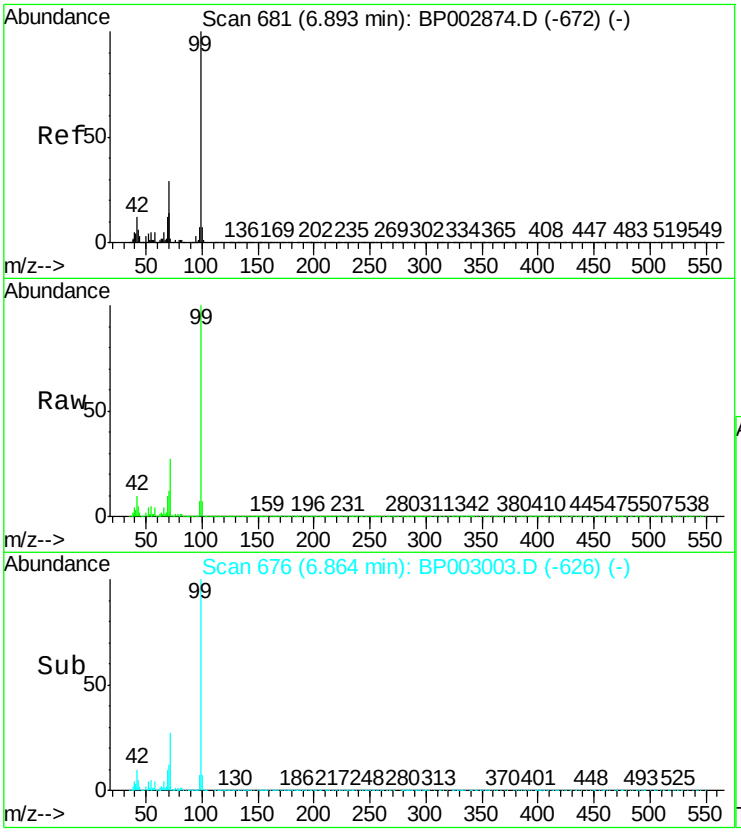


#5
2-Fluorophenol
Concen: 106.879 ng
RT: 5.29 min Scan# 409
Delta R.T. 0.00 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Tgt Ion:112 Resp: 2331098

Ion	Ratio	Lower	Upper
112	100		
64	41.4	33.4	50.2
63	21.2	17.4	26.0



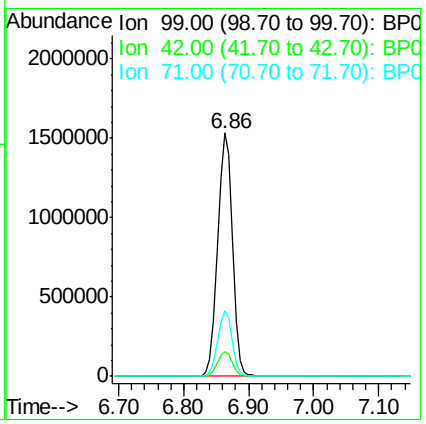


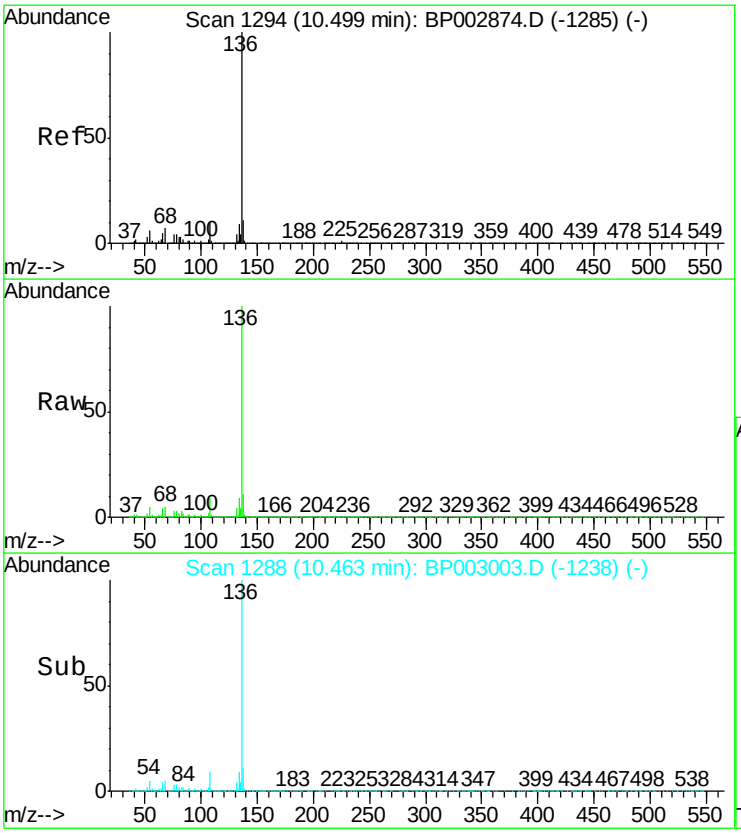
#7
Phenol-d6
Concen: 79.713 ng
RT: 6.86 min Scan# 676
Delta R.T. -0.01 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Instrument :
BNA_P
ClientSampleId :
EO-02-081120

Tgt Ion: 99 Resp: 2413809

Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.0	12.0
71	27.1	21.3	31.9

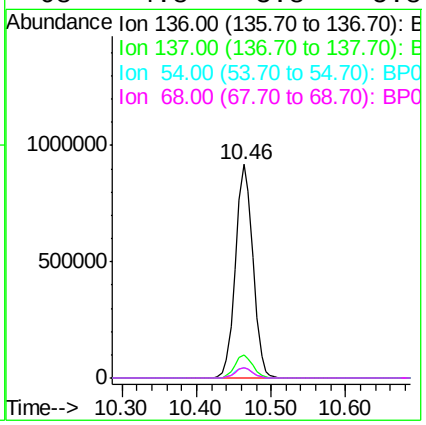


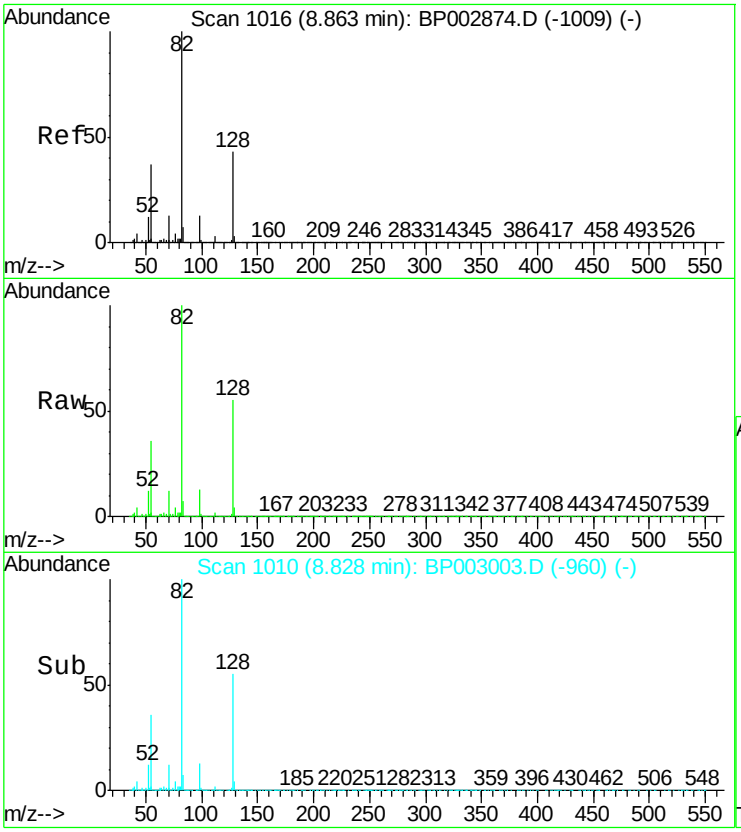


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Tgt Ion:136 Resp: 1485000

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.7	3.8	5.8
68	4.8	3.8	5.8



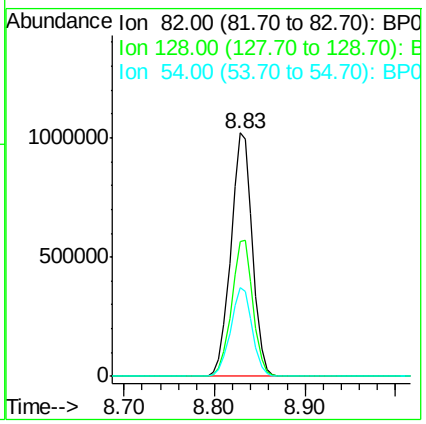


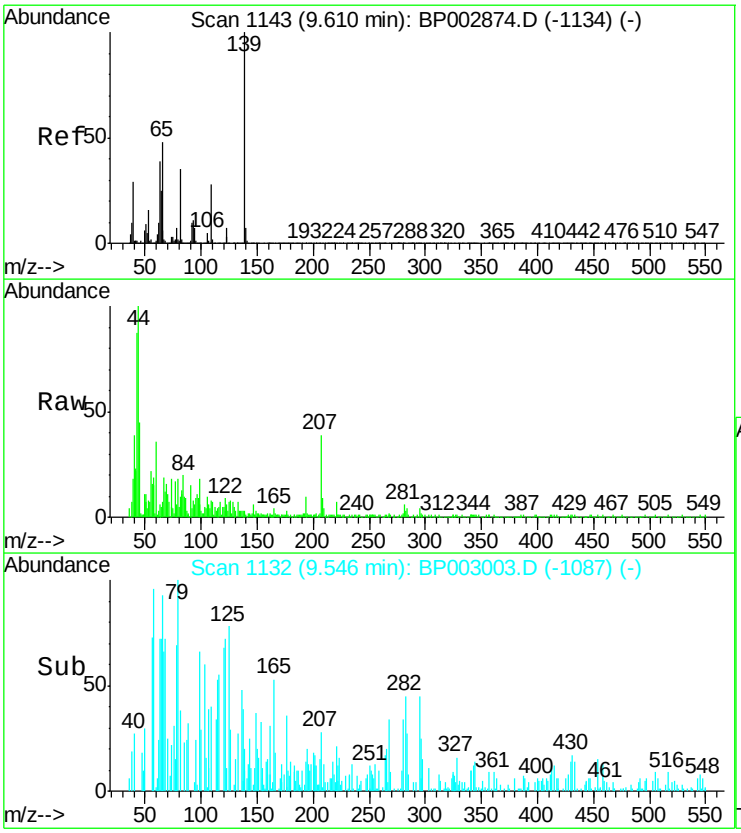
#23
Nitrobenzene-d5
Concen: 61.502 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Instrument :
BNA_P
ClientSampleId :
EO-02-081120

Tgt Ion: 82 Resp: 1686234

Ion	Ratio	Lower	Upper
82	100		
128	55.5	45.1	67.7
54	36.2	28.8	43.2

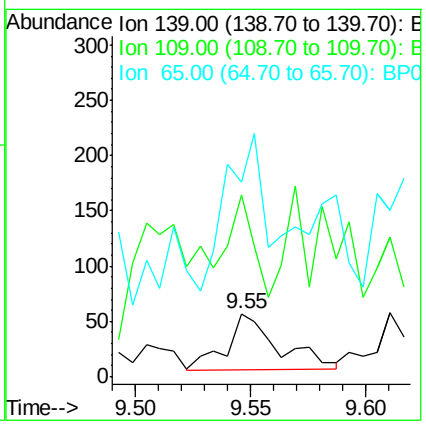


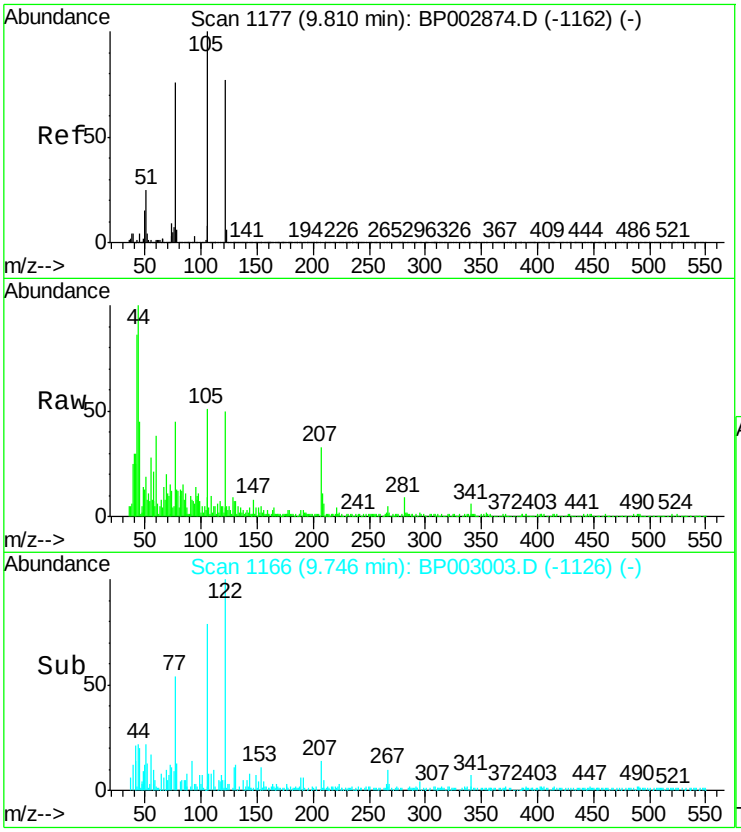


#26
2-Nitrophenol
Concen: 4.526 ng
RT: 9.55 min Scan# 1132
Delta R.T. -0.04 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Tgt Ion:139 Resp: 79

Ion	Ratio	Lower	Upper
139	100		
109	289.5	21.0	31.6#
65	308.8	27.2	40.8#

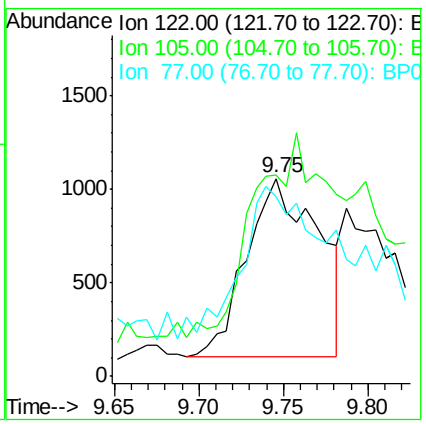




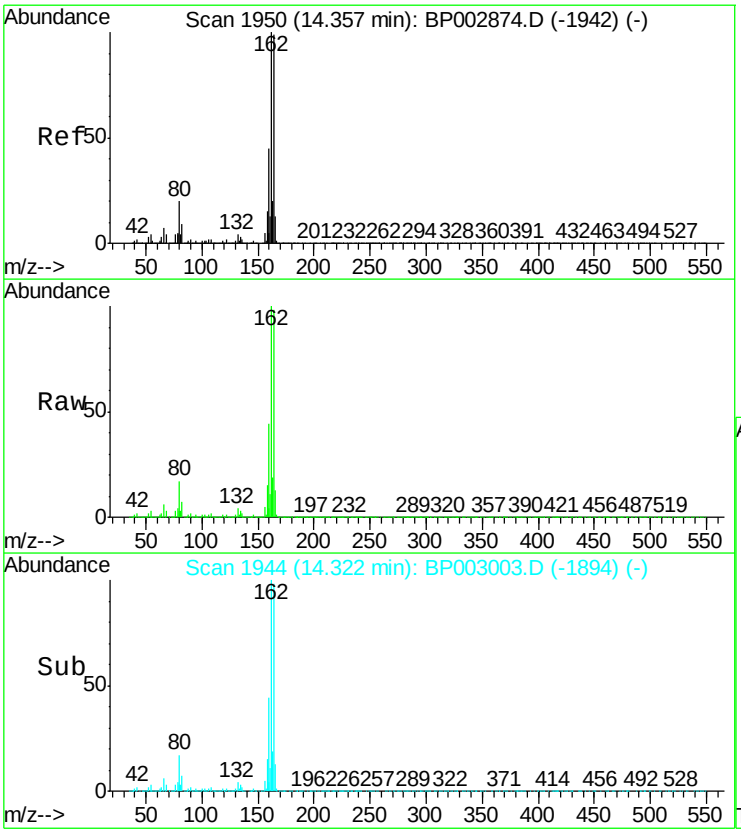
#32
Benzoic acid
Concen: 7.858 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.06 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Tgt Ion:122 Resp: 2829

Ion	Ratio	Lower	Upper
122	100		
105	102.0	96.2	136.2
77	90.6	55.6	95.6



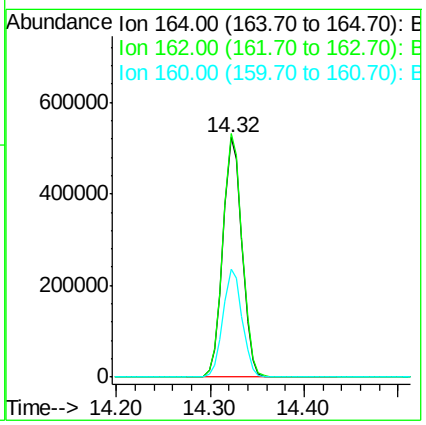
Instrument :
BNA_P
ClientSampleId :
EO-02-081120

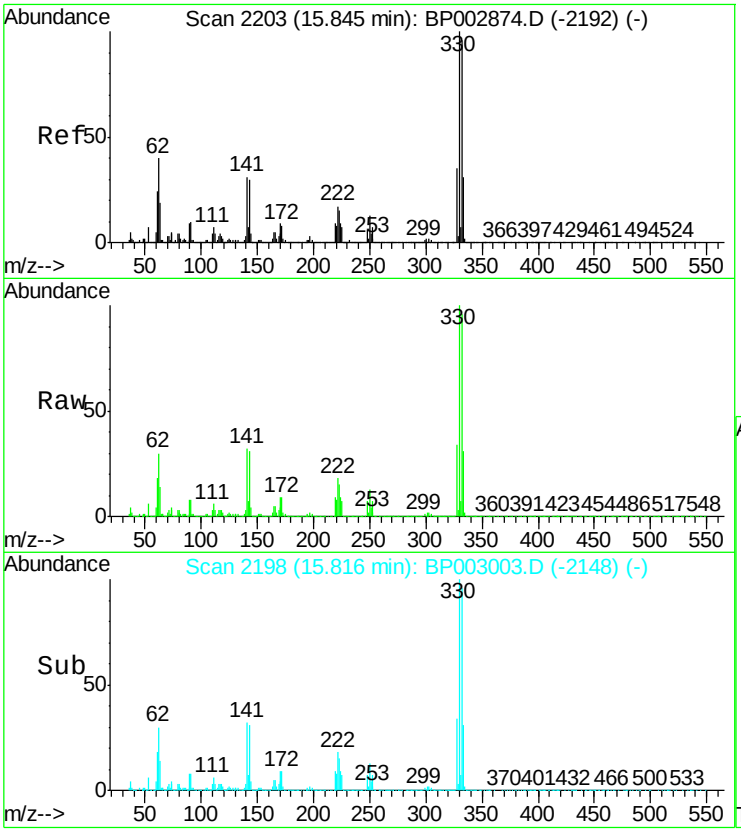


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Tgt Ion:164 Resp: 742560

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	45.1	35.5	53.3



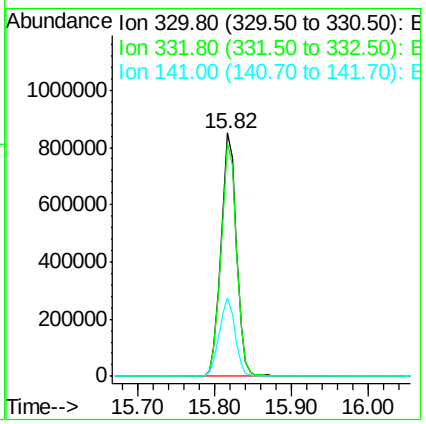


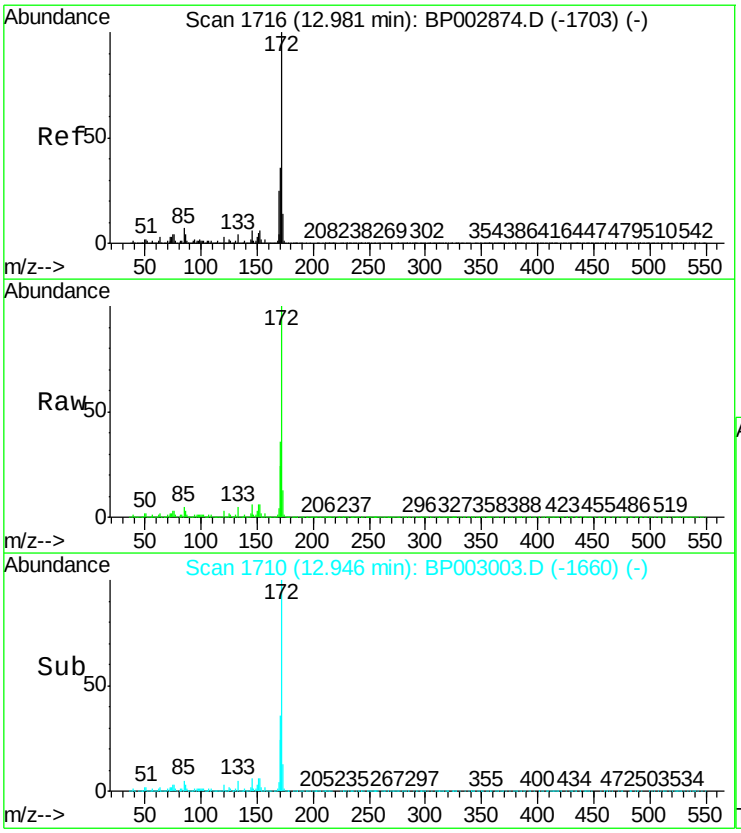
#42
2,4,6-Tribromophenol
Concen: 129.439 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Instrument :
BNA_P
ClientSampleId :
EO-02-081120

Tgt Ion:330 Resp: 1194611

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.7	26.7	40.1

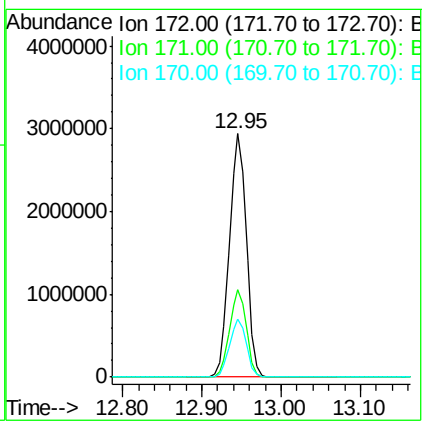


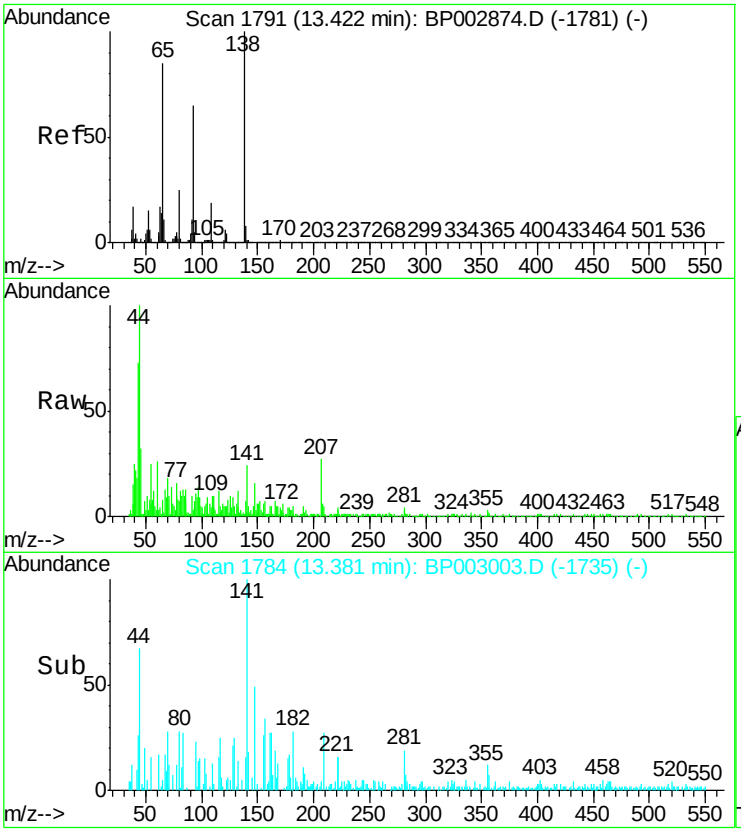


#45
2-Fluorobiphenyl
Concen: 79.784 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Tgt Ion:172 Resp: 4336143

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	23.9	19.1	28.7



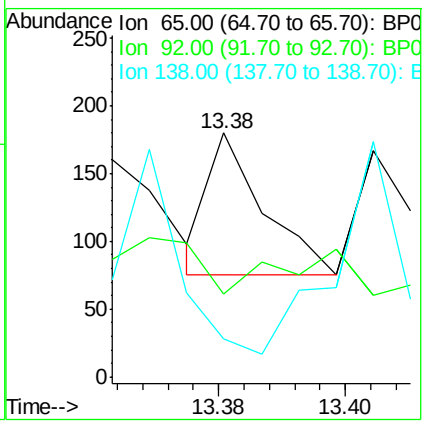


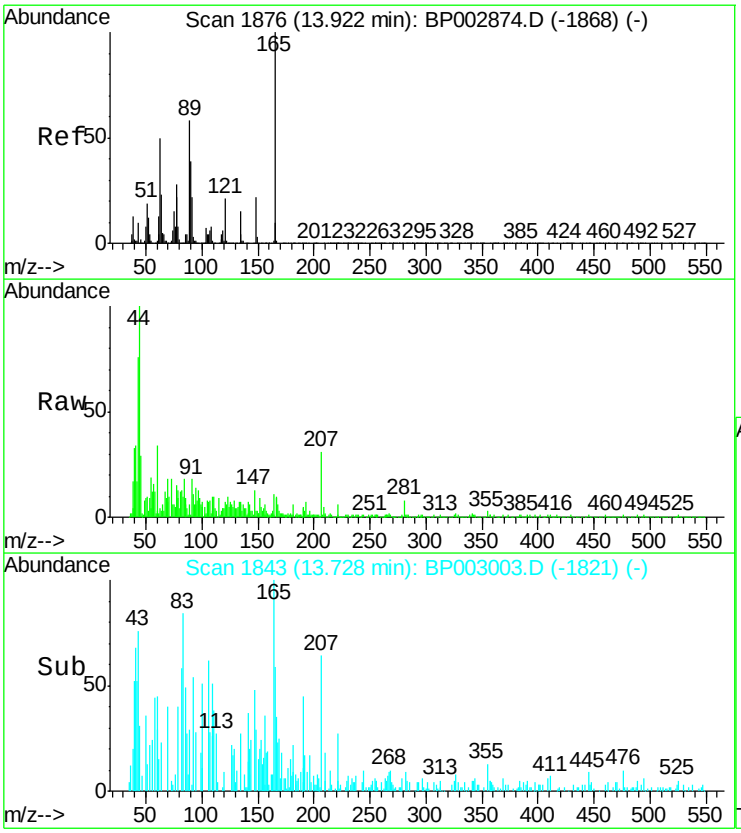
#48
2-Nitroaniline
Concen: 3.977 ng
RT: 13.38 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Instrument :
BNA_P
ClientSampleId :
EO-02-081120

Tgt Ion: 65 Resp: 64

Ion	Ratio	Lower	Upper
65	100		
92	33.9	70.1	105.1#
138	15.6	129.7	194.5#

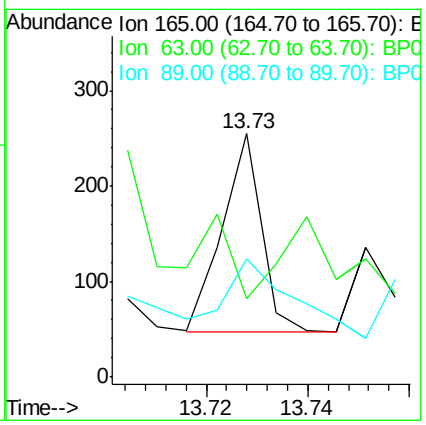


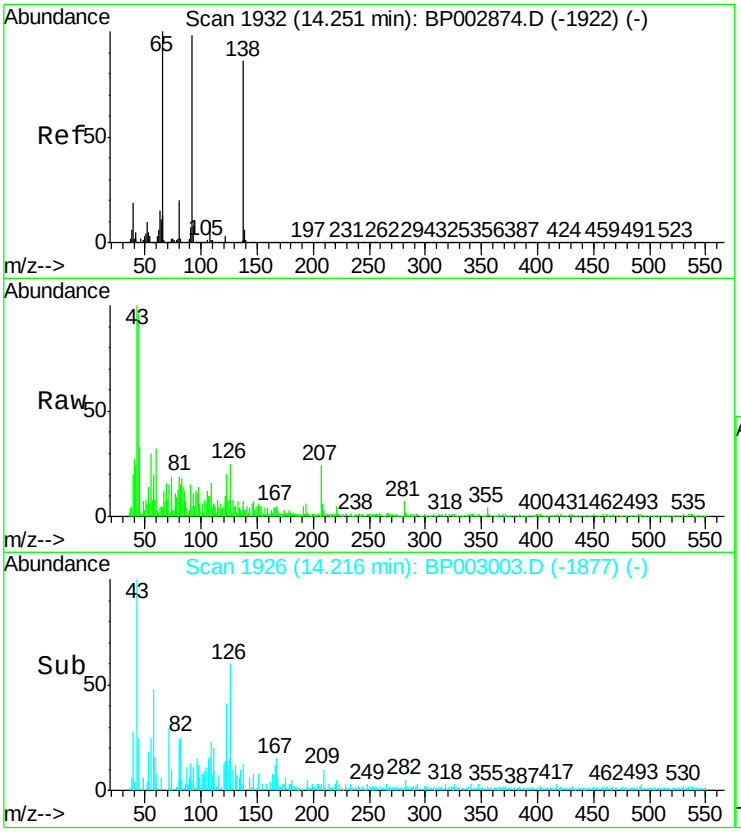


#51
2,6-Dinitrotoluene
Concen: 2.907 ng
RT: 13.73 min Scan# 1843
Delta R.T. -0.17 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Tgt Ion:165 Resp: 113

Ion	Ratio	Lower	Upper
165	100		
63	32.2	28.1	42.1
89	48.2	34.5	51.7



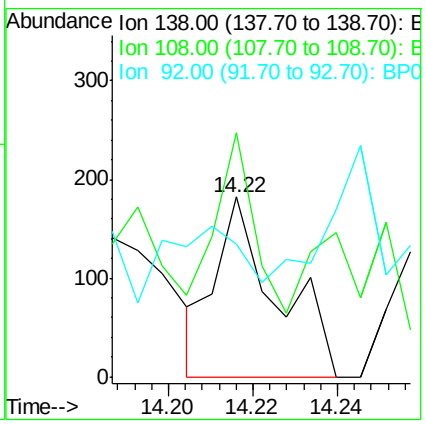


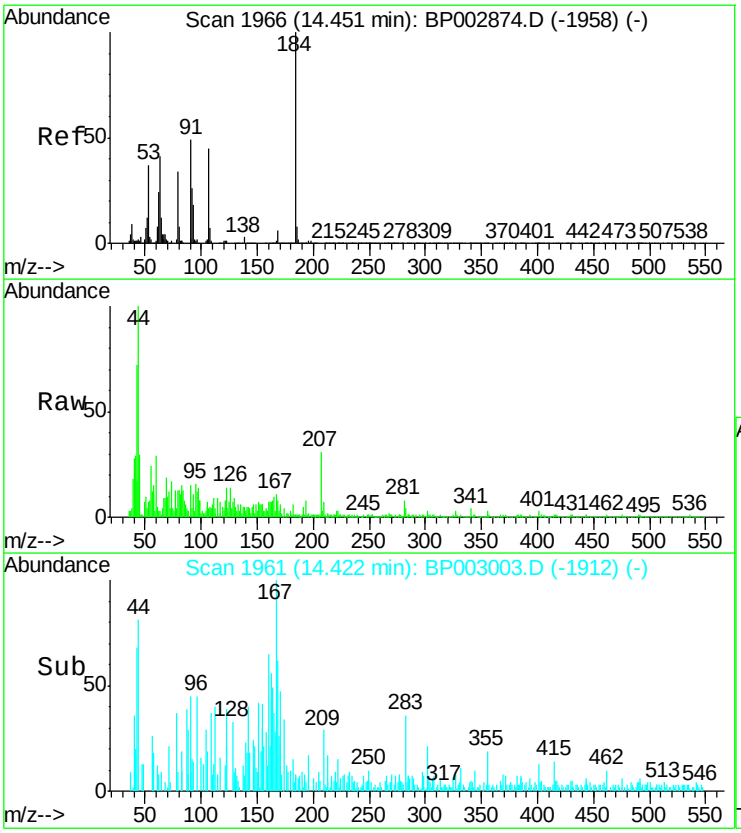
#53
3-Nitroaniline
Concen: 3.286 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Instrument :
BNA_P
ClientSampleId :
EO-02-081120

Tgt Ion:138 Resp: 181

Ion	Ratio	Lower	Upper
138	100		
108	135.7	7.7	11.5#
92	74.2	75.6	113.4#

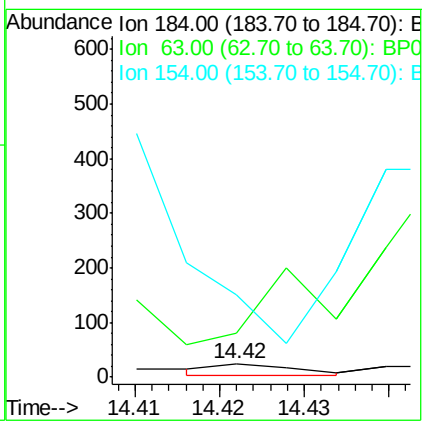


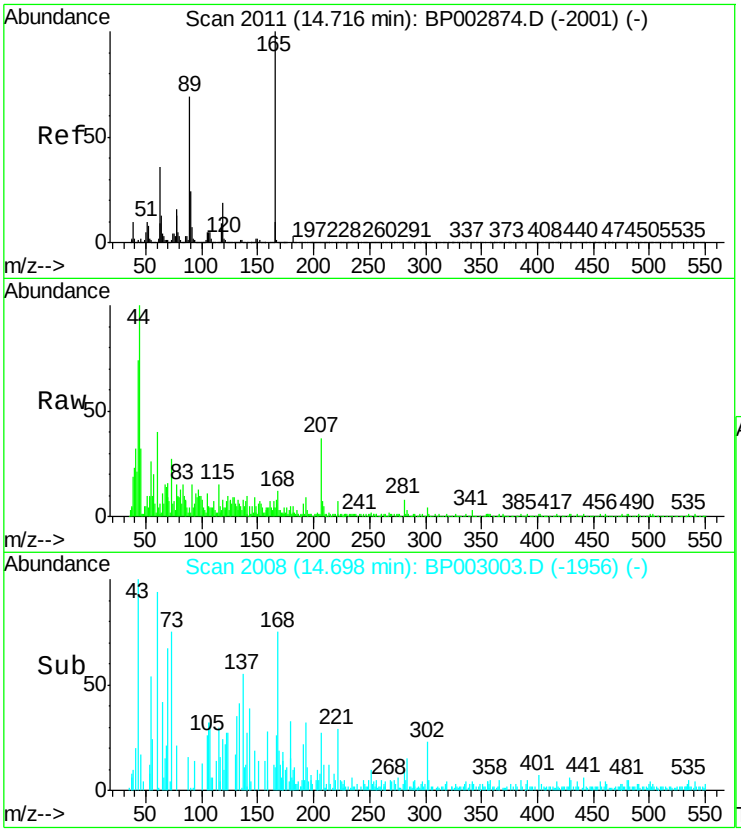


#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Tgt Ion:184 Resp: 14

Ion	Ratio	Lower	Upper
184	100		
63	324.0	33.0	49.6#
154	604.0	46.8	70.2#



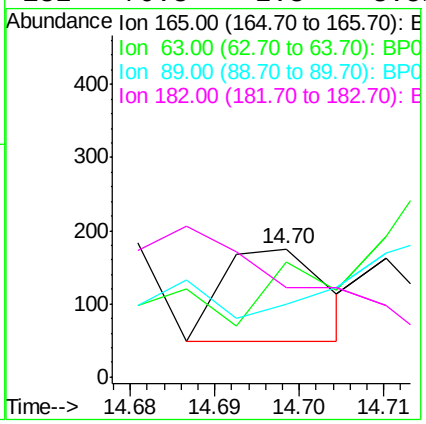


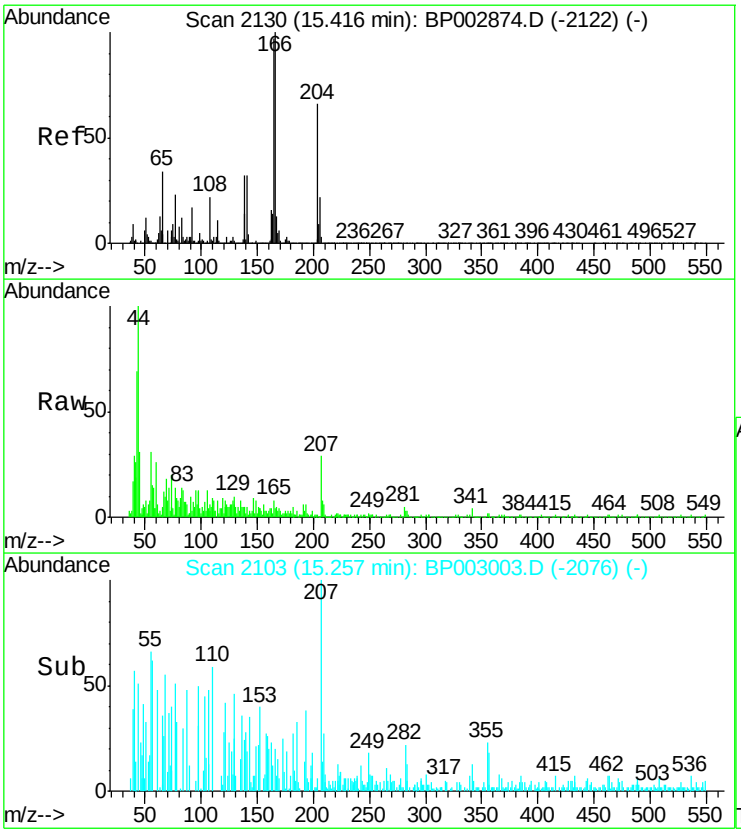
#57
2,4-Dinitrotoluene
Concen: 3.812 ng
RT: 14.70 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Instrument :
BNA_P
ClientSampleId :
EO-02-081120

Tgt Ion:165 Resp: 110

Ion	Ratio	Lower	Upper
165	100		
63	89.7	20.6	31.0#
89	57.1	43.4	65.0
182	70.3	2.3	3.5#

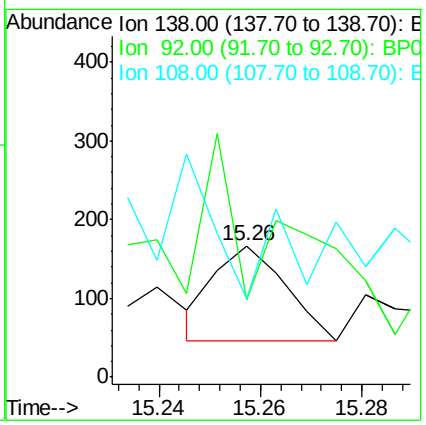


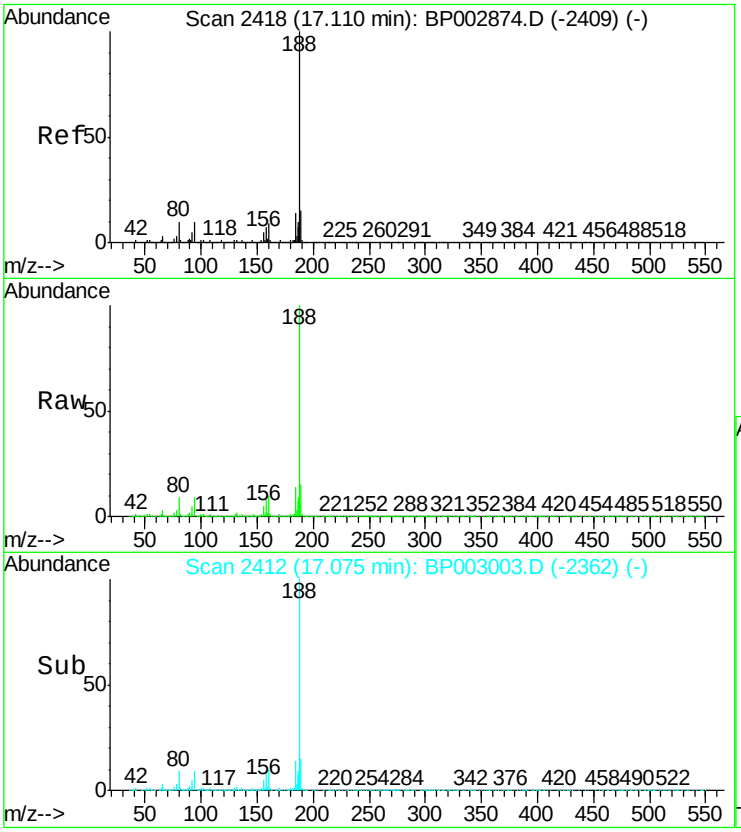


#62
4-Nitroaniline
Concen: 2.424 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.14 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Tgt Ion:138 Resp: 116

Ion	Ratio	Lower	Upper
138	100		
92	58.7	21.4	61.4
108	59.9	40.8	80.8



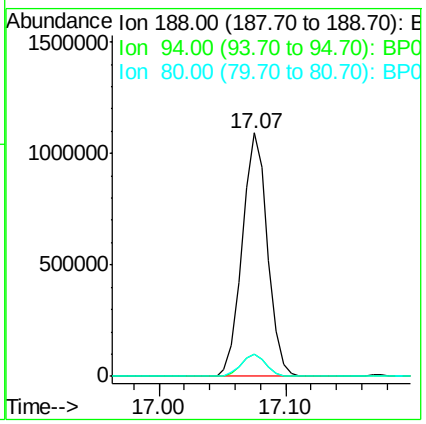


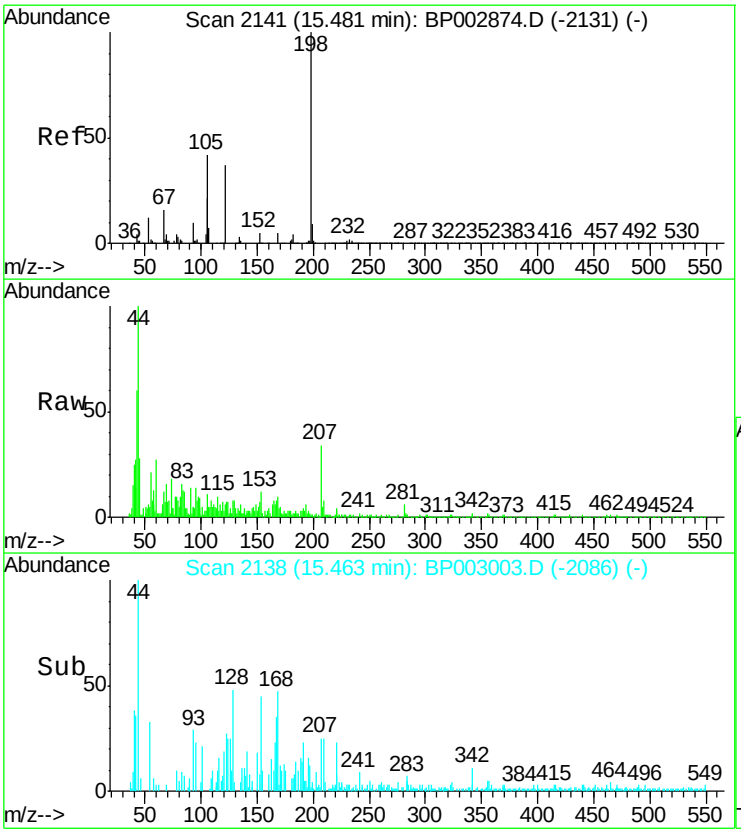
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Instrument :
BNA_P
ClientSampleId :
EO-02-081120

Tgt Ion:188 Resp: 1509251

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	8.9	6.7	10.1

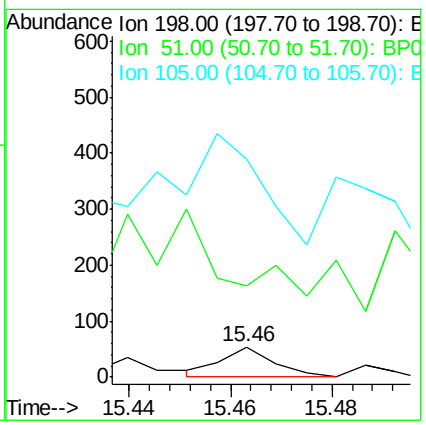


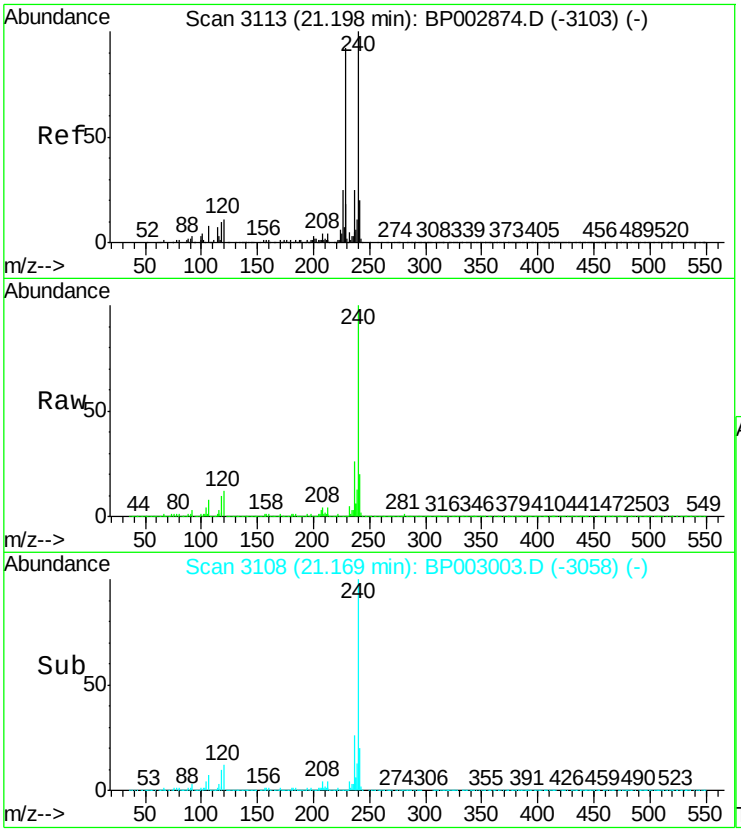


#65
4,6-Dinitro-2-methylphenol
Concen: 6.905 ng
RT: 15.46 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Tgt Ion:198 Resp: 40

Ion	Ratio	Lower	Upper
198	100		
51	301.9	6.2	46.2#
105	722.2	19.9	59.9#



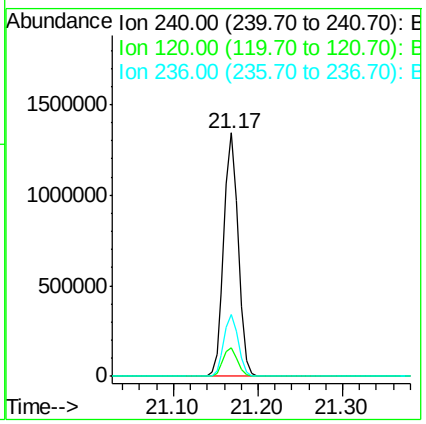


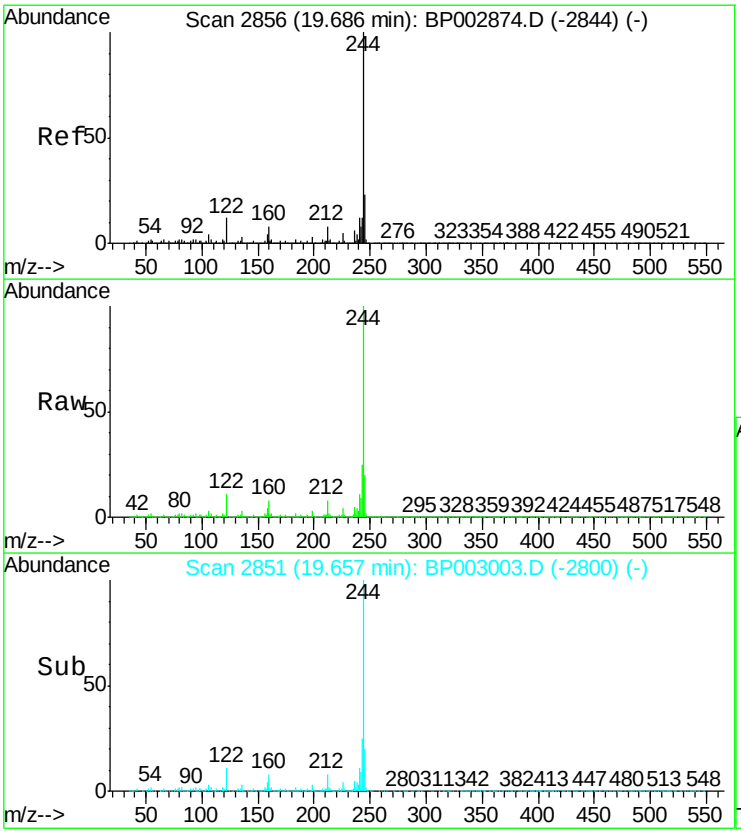
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Instrument :
BNA_P
ClientSampleId :
EO-02-081120

Tgt Ion:240 Resp: 1586098

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.6	20.8	31.2

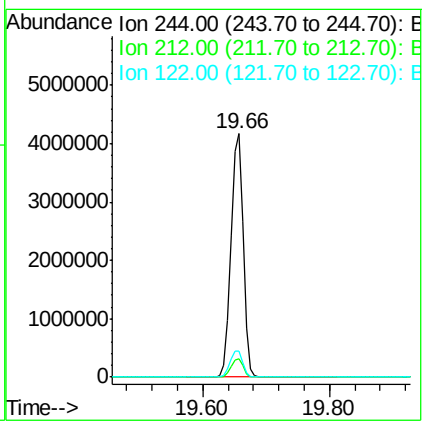


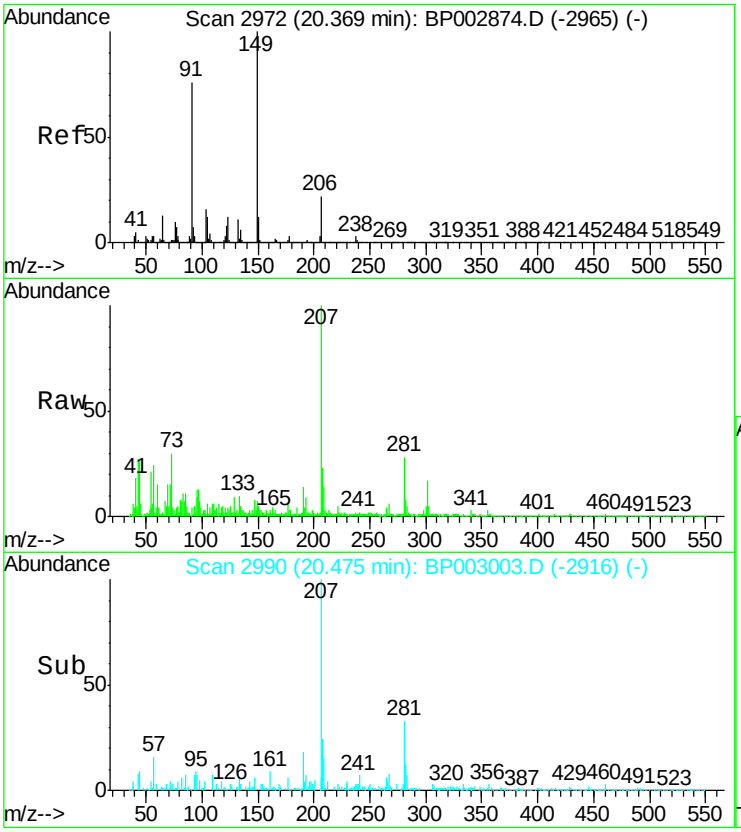


#79
Terphenyl-d14
Concen: 68.490 ng
RT: 19.66 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Tgt Ion:244 Resp: 5426283

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	10.7	8.7	13.1



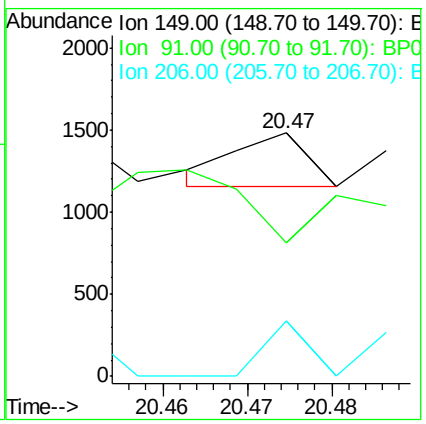


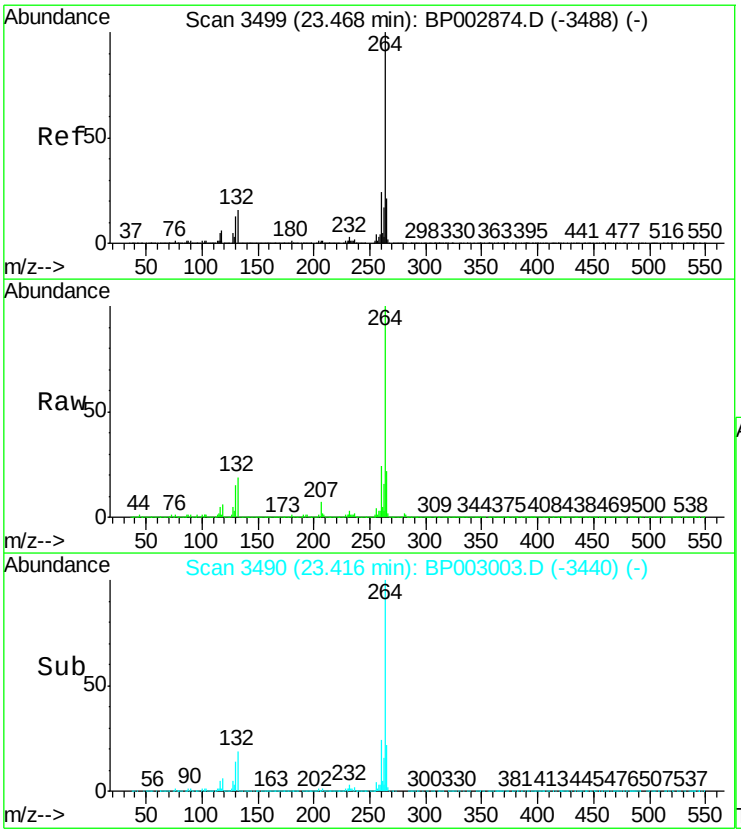
#80
Butylbenzylphthalate
Concen: 3.062 ng
RT: 20.47 min Scan# 2990
Delta R.T. 0.14 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Instrument :
BNA_P
ClientSampleId :
EO-02-081120

Tgt Ion:149 Resp: 189

Ion	Ratio	Lower	Upper
149	100		
91	54.9	45.3	67.9
206	22.6	17.5	26.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP003003.D
Acq: 17 Aug 2020 15:28

Tgt Ion:264 Resp: 1807726

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.3	25.9