Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
Data File : BP002976.D
Acq On : 13 Aug 2020 20:54
Operator : CG/JU
Sample : L3658-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-235

Quant Time: Aug 14 00:54:33 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	310449	20.00	ng		-0.01
21) Naphthalene-d8	10.47	136	1263997	20.00	ng		-0.01
39) Acenaphthene-d10	14.33	164	779235	20.00	ng		-0.01
64) Phenanthrene-d10	17.08	188	1683874	20.00	ng		-0.01
76) Chrysene-d12	21.17	240	1729195	20.00	ng		0.00
86) Perylene-d12	23.42	264	1815261	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	521383	25.70	ng		0.00
7) Phenol-d6	6.86	99	1549367	55.02	ng		-0.02
23) Nitrobenzene-d5	8.83	82	1139348	48.82	ng		-0.01
42) 2,4,6-Tribromophenol	15.82	330	14220	1.47	ng		-0.01
45) 2-Fluorobiphenyl	12.95	172	3416656	59.91	ng		-0.01
79) Terphenyl-d14	19.66	244	4682838	54.22	ng		-0.01
Target Compounds							Qvalue
26) 2-Nitrophenol	9.35	139	24	4.523	ng		96
32) Benzoic acid	9.80	122	45	7.689	ng	#	1
48) 2-Nitroaniline	13.40	65	52	3.975	ng	#	28
50) Dimethylphthalate	13.79	163	197572	3.242	ng		100
51) 2,6-Dinitrotoluene	13.89	165	429	2.929	ng	#	40
53) 3-Nitroaniline	14.23	138	37	3.276	ng	#	1
54) 2,4-Dinitrophenol	14.43	184	13	8.059	ng	#	1
57) 2,4-Dinitrotoluene	14.66	165	41	3.808	ng	#	61
62) 4-Nitroaniline	15.39	138	33	2.418	ng	#	29
65) 4,6-Dinitro-2-methylphenol	15.45	198	10	6.901	ng	#	1
80) Butylbenzylphthalate	20.42	149	396	3.065	ng		96

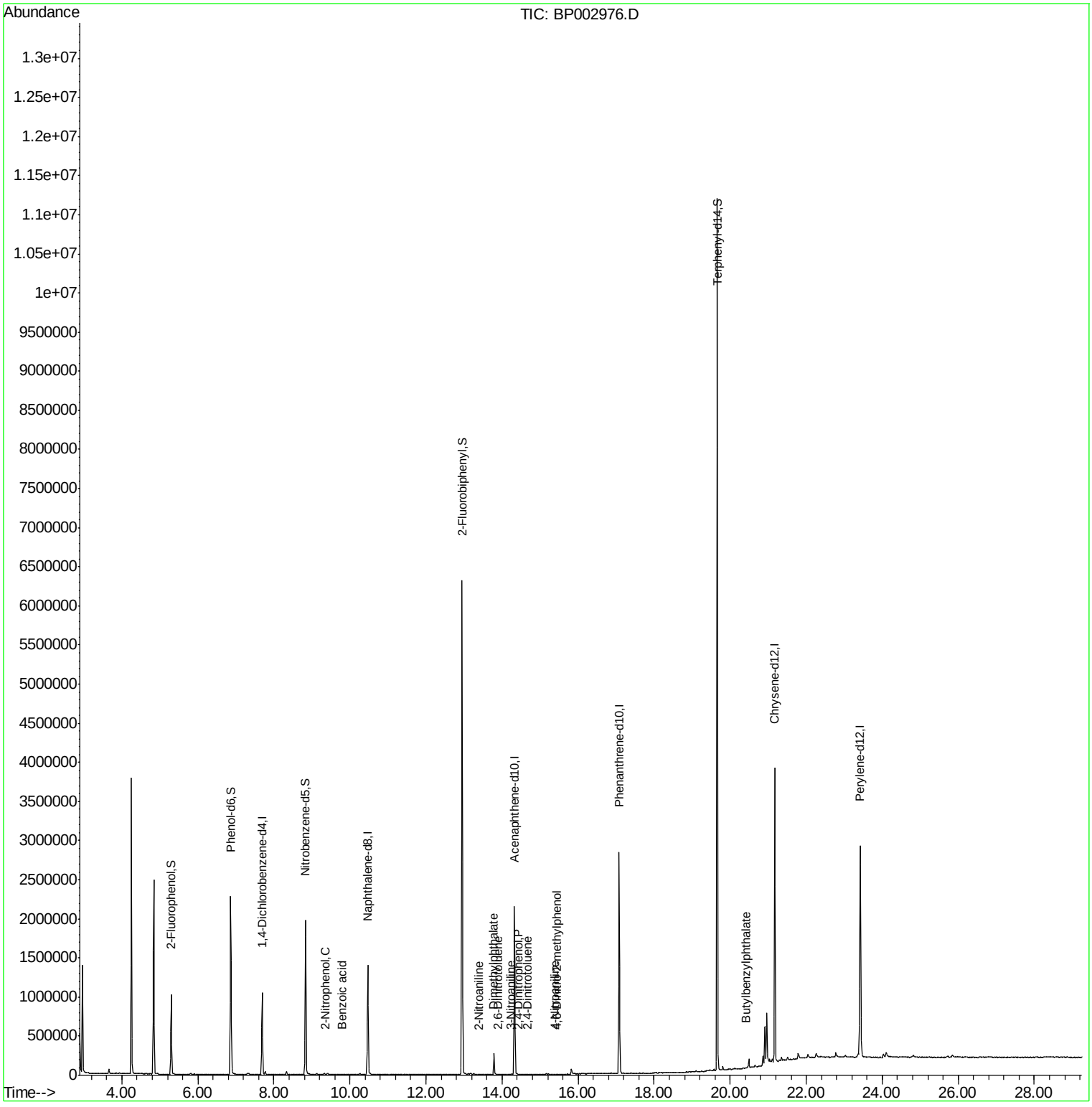
(#) = qualifier out of range (m) = manual integration (+) = signals summed

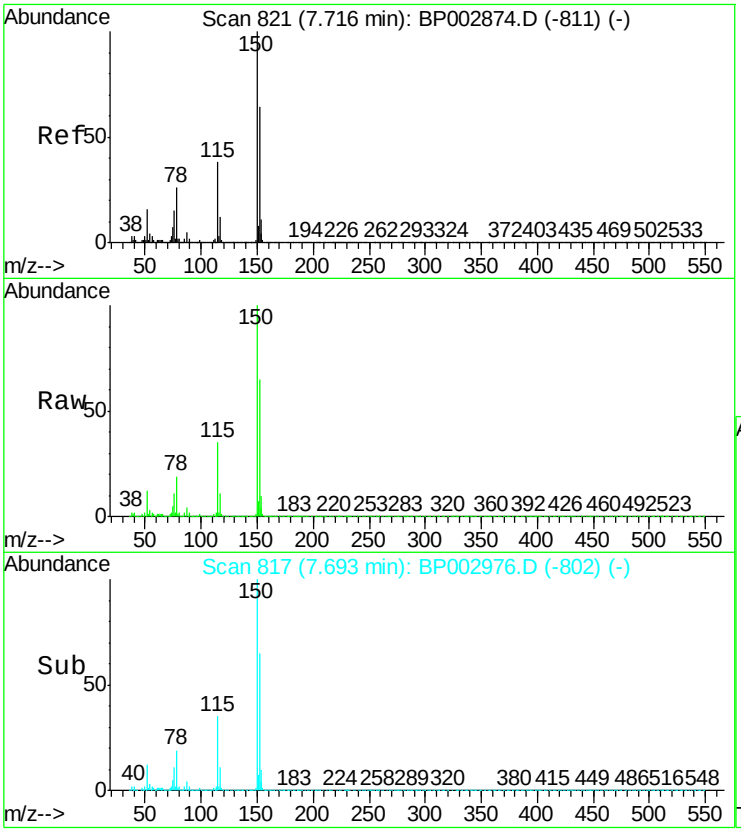
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
Data File : BP002976.D
Acq On : 13 Aug 2020 20:54
Operator : CG/JU
Sample : L3658-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-235

Quant Time: Aug 14 00:54:33 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



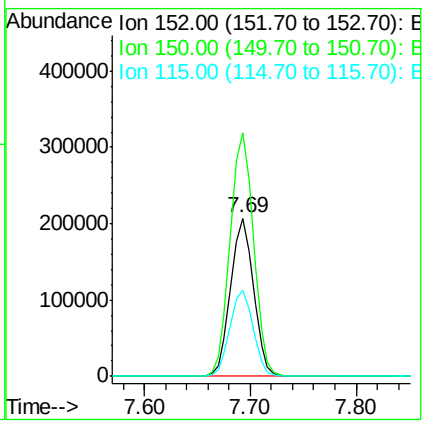


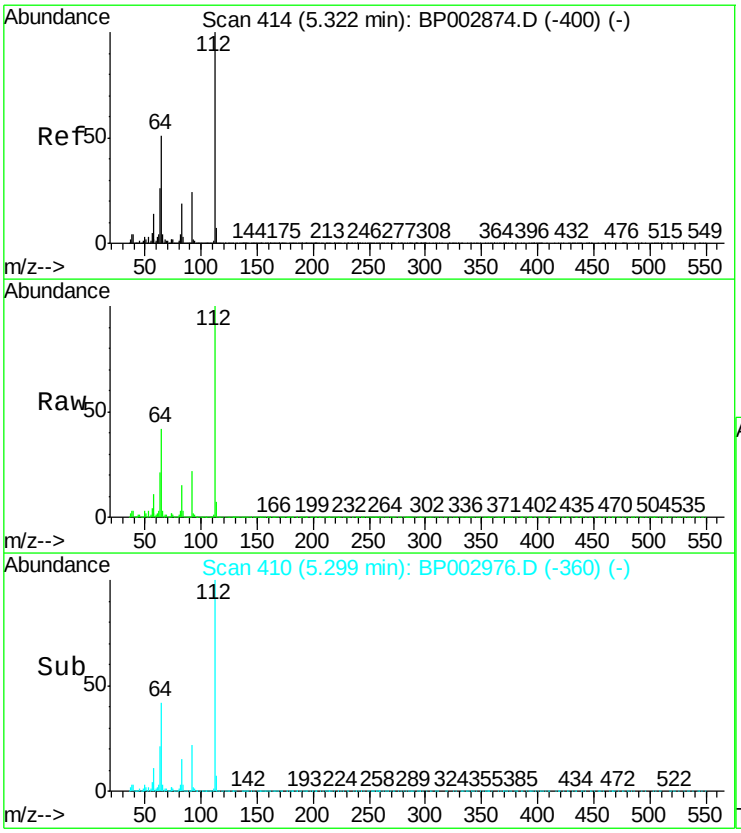
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion:152 Resp: 310449

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.4
115	54.3	42.1	63.1

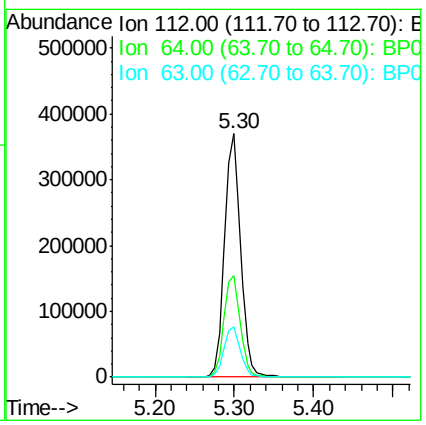


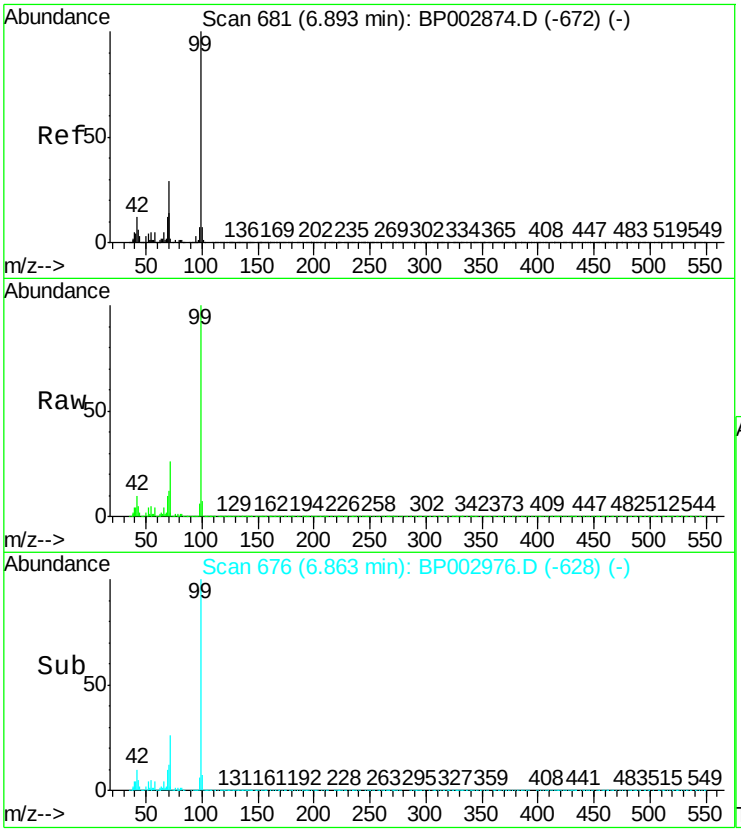


#5
2-Fluorophenol
Concen: 25.704 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Tgt Ion:112 Resp: 521383

Ion	Ratio	Lower	Upper
112	100		
64	41.9	33.8	50.8
63	20.8	17.2	25.8



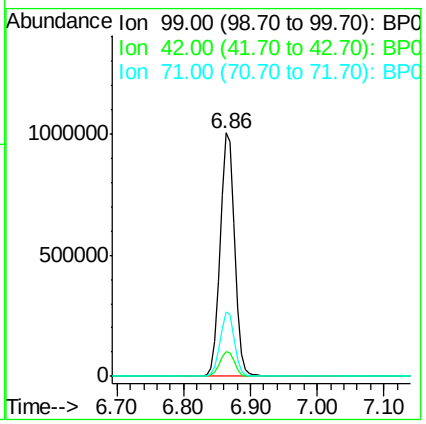


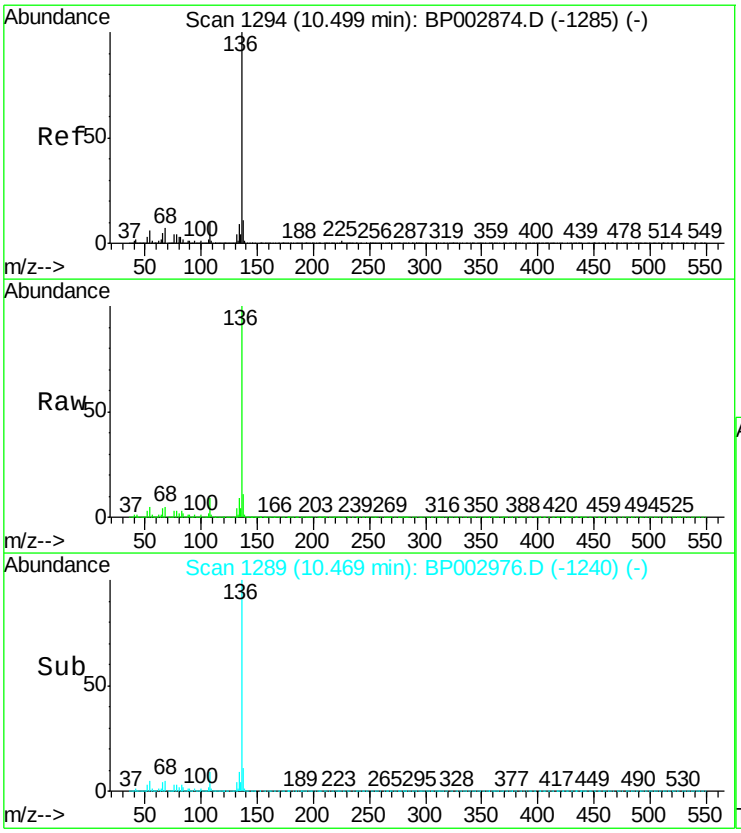
#7
Phenol-d6
Concen: 55.016 ng
RT: 6.86 min Scan# 676
Delta R.T. -0.02 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion: 99 Resp: 1549367

Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.1	12.1
71	26.3	21.0	31.4

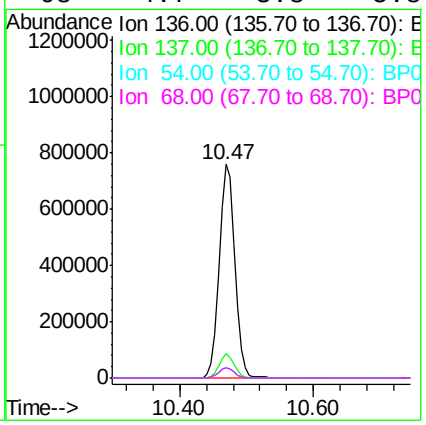


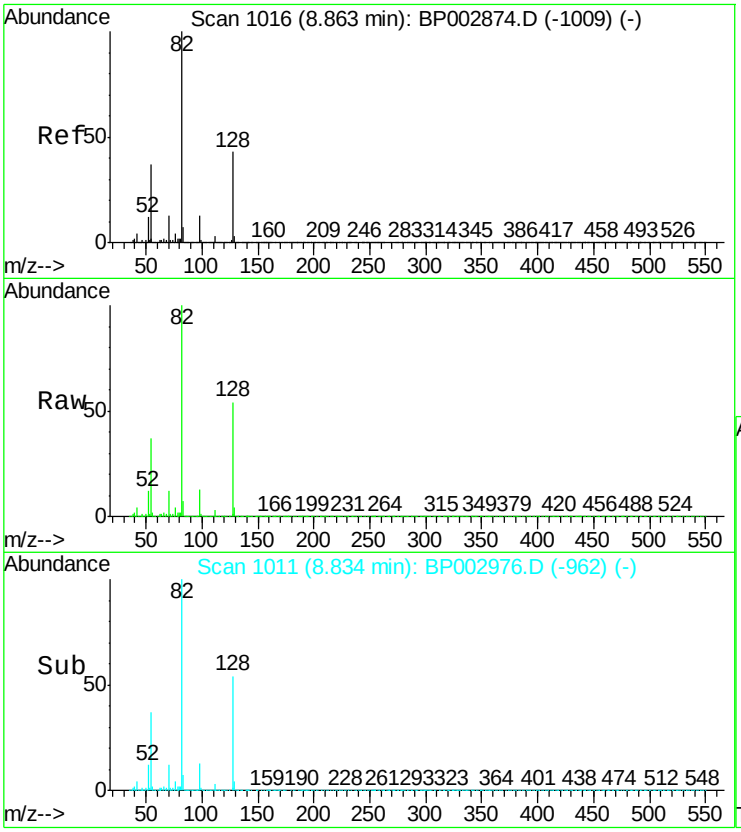


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Tgt Ion:136 Resp: 1263997

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	5.0	3.9	5.9
68	4.7	3.8	5.8



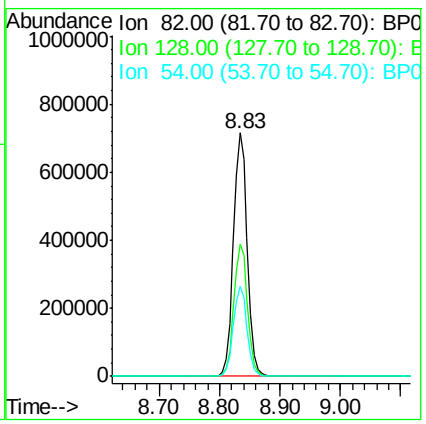


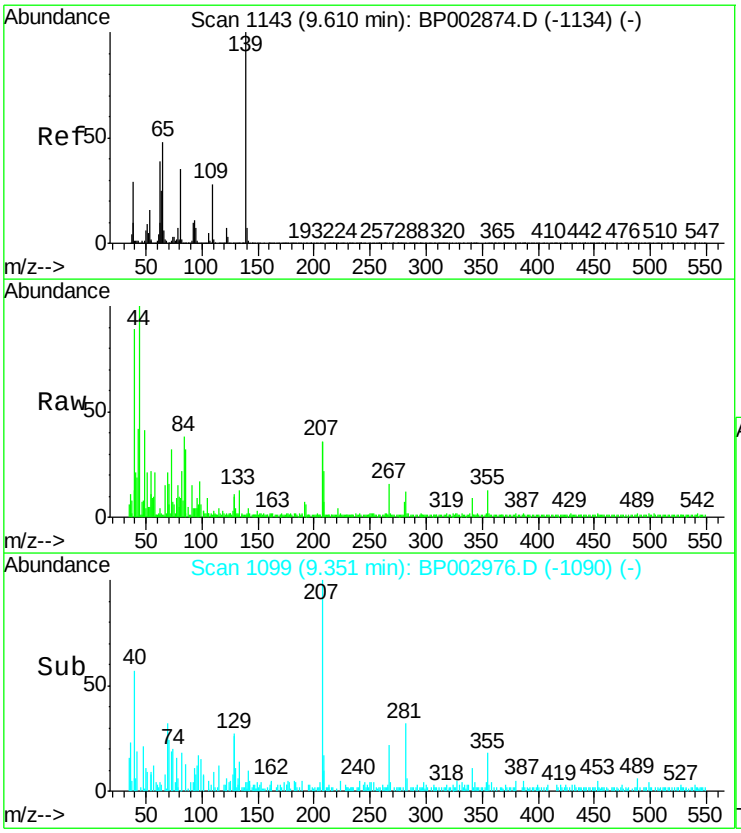
#23
Nitrobenzene-d5
Concen: 48.821 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion: 82 Resp: 1139348

Ion	Ratio	Lower	Upper
82	100		
128	54.2	44.6	66.8
54	36.7	29.2	43.8

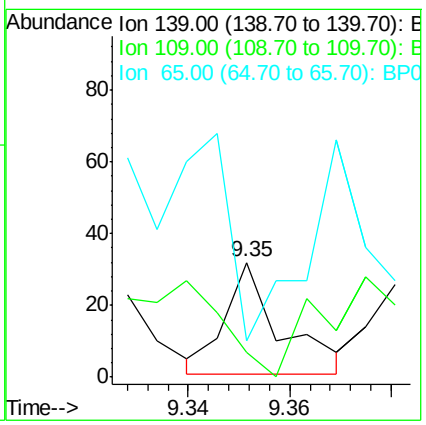


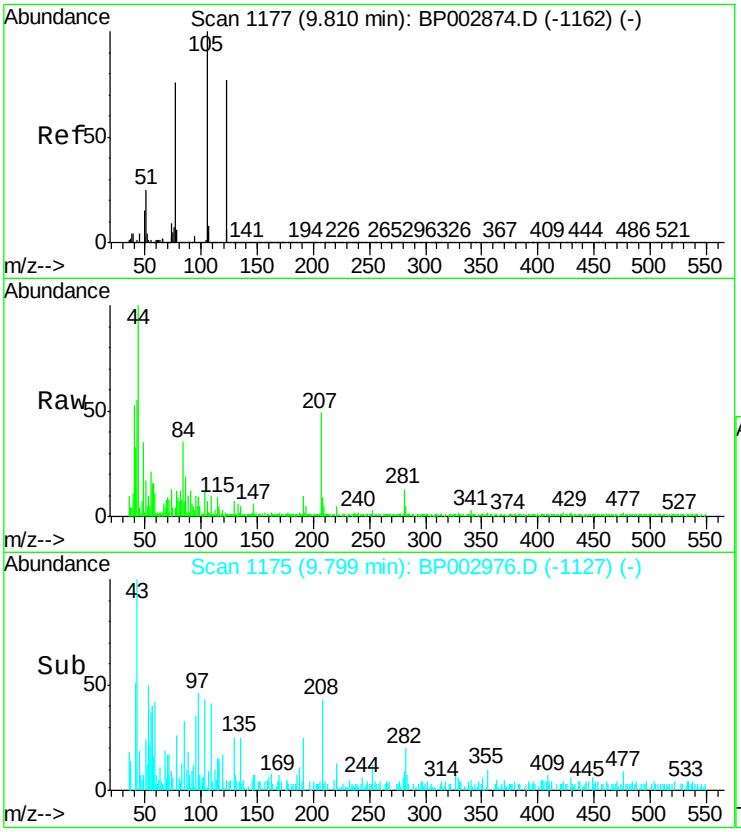


#26
2-Nitrophenol
Concen: 4.523 ng
RT: 9.35 min Scan# 1099
Delta R.T. -0.25 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Tgt Ion:139 Resp: 24

Ion	Ratio	Lower	Upper
139	100		
109	21.9	19.5	29.3
65	31.3	26.6	40.0



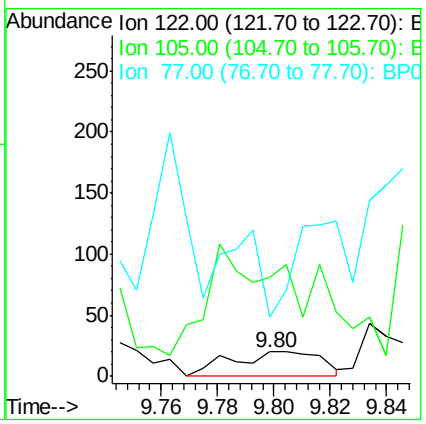


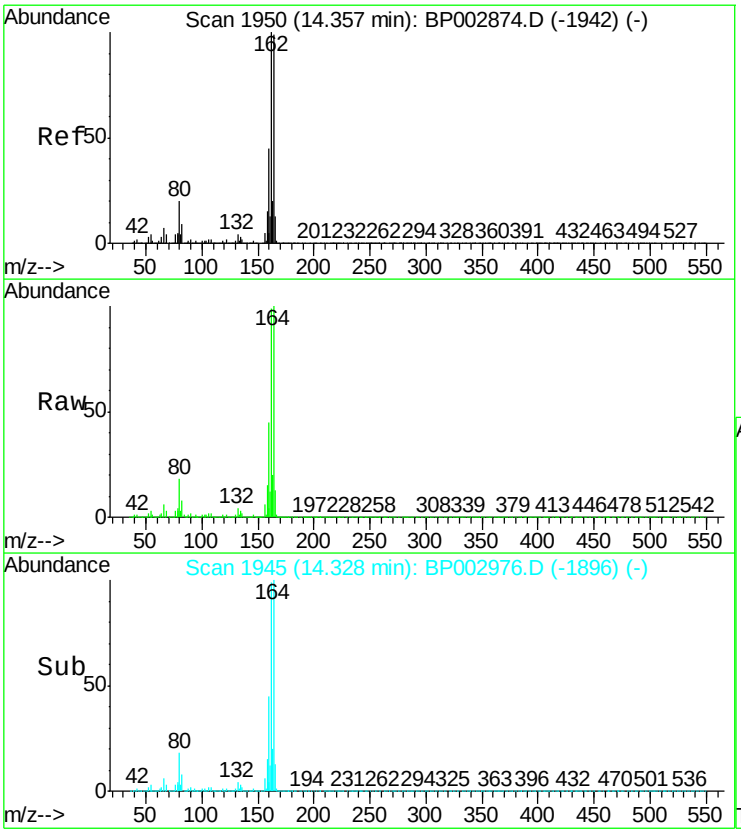
#32
Benzoic acid
Concen: 7.689 ng
RT: 9.80 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion:122 Resp: 45

Ion	Ratio	Lower	Upper
122	100		
105	245.5	95.8	135.8#
77	148.5	54.7	94.7#

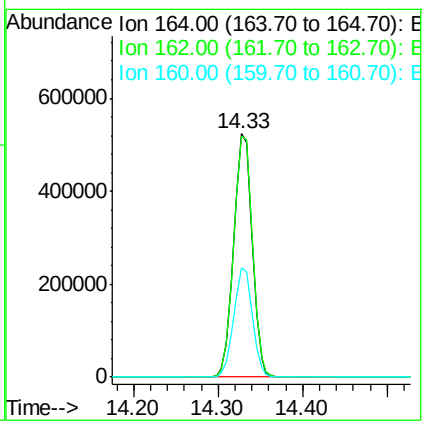


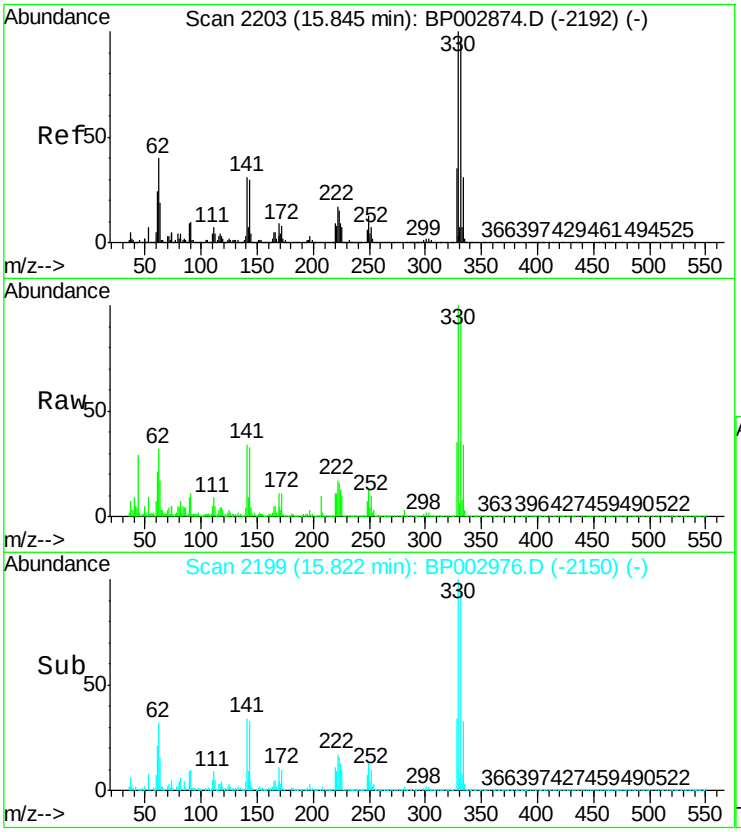


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Tgt Ion:164 Resp: 779235

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.0	121.4
160	44.8	36.2	54.4



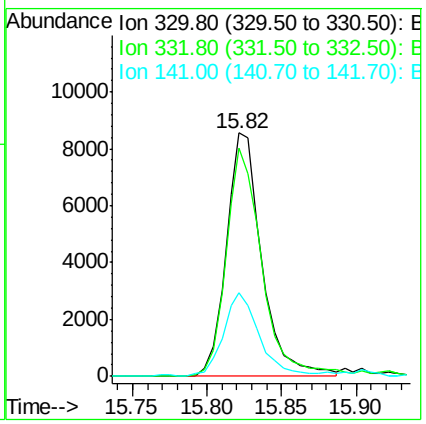


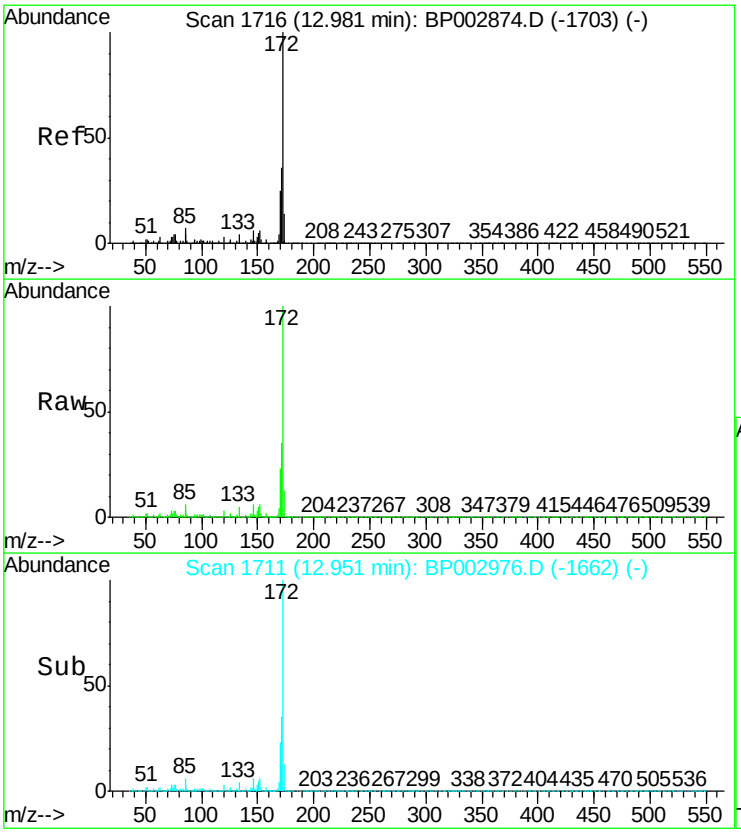
#42
2,4,6-Tribromophenol
Concen: 1.468 ng
RT: 15.82 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion:330 Resp: 14220

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.4
141	34.3	28.6	43.0

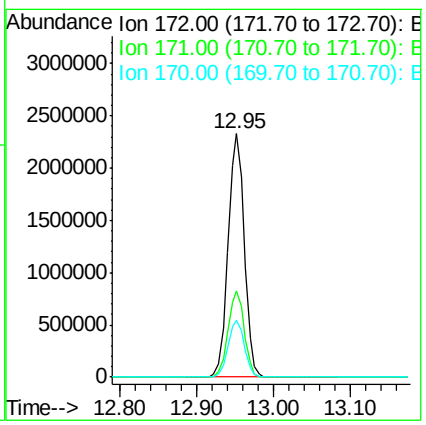


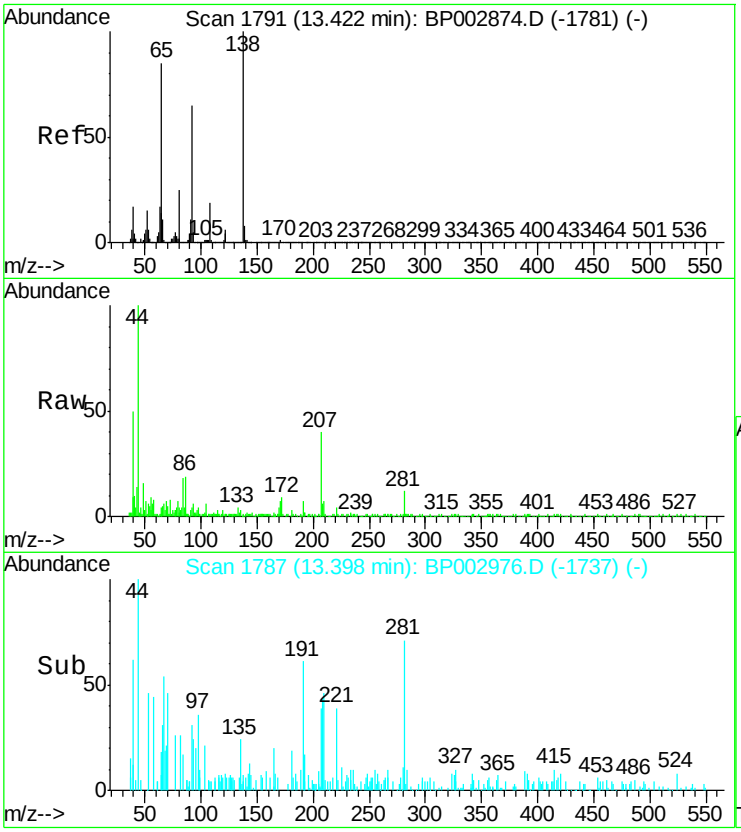


#45
2-Fluorobiphenyl
Concen: 59.907 ng
RT: 12.95 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Tgt Ion:172 Resp: 3416656

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.5	19.6	29.4



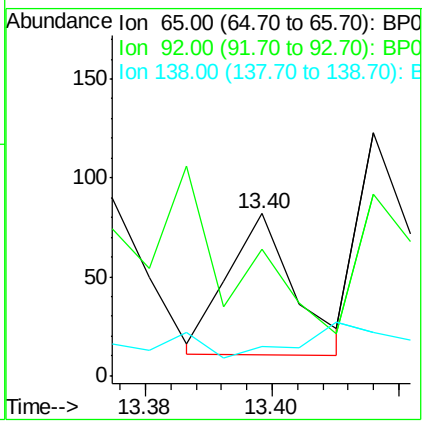


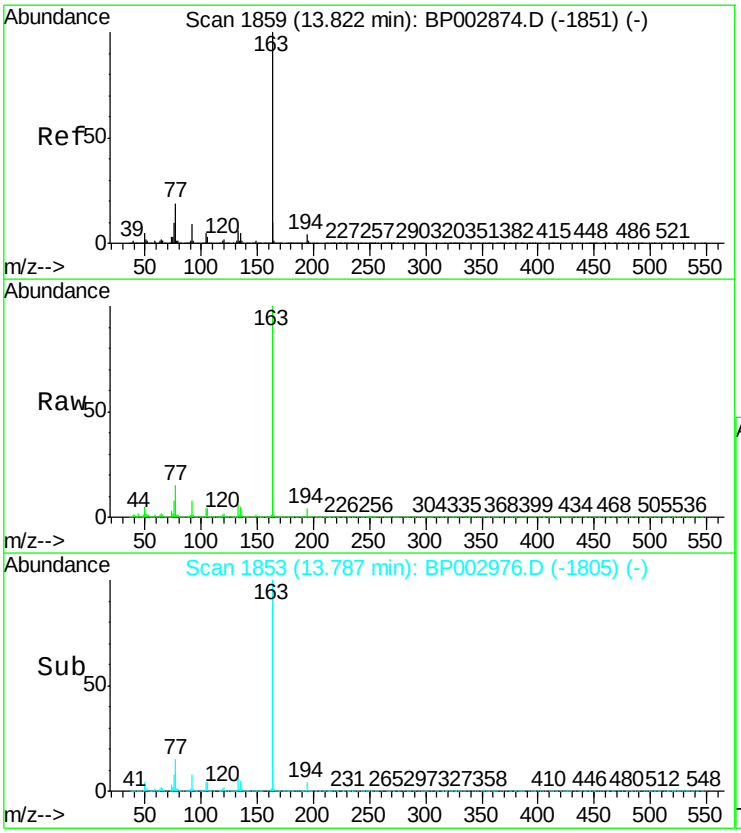
#48
2-Nitroaniline
Concen: 3.975 ng
RT: 13.40 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion: 65 Resp: 52

Ion	Ratio	Lower	Upper
65	100		
92	78.0	69.6	104.4
138	18.3	125.6	188.4#

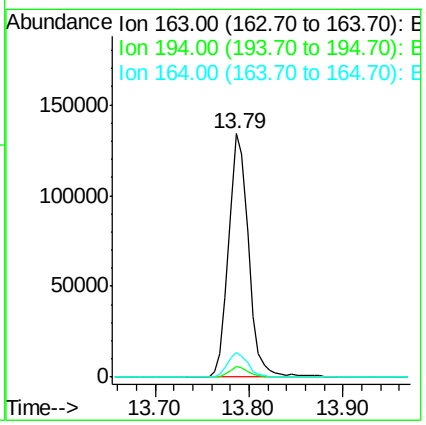


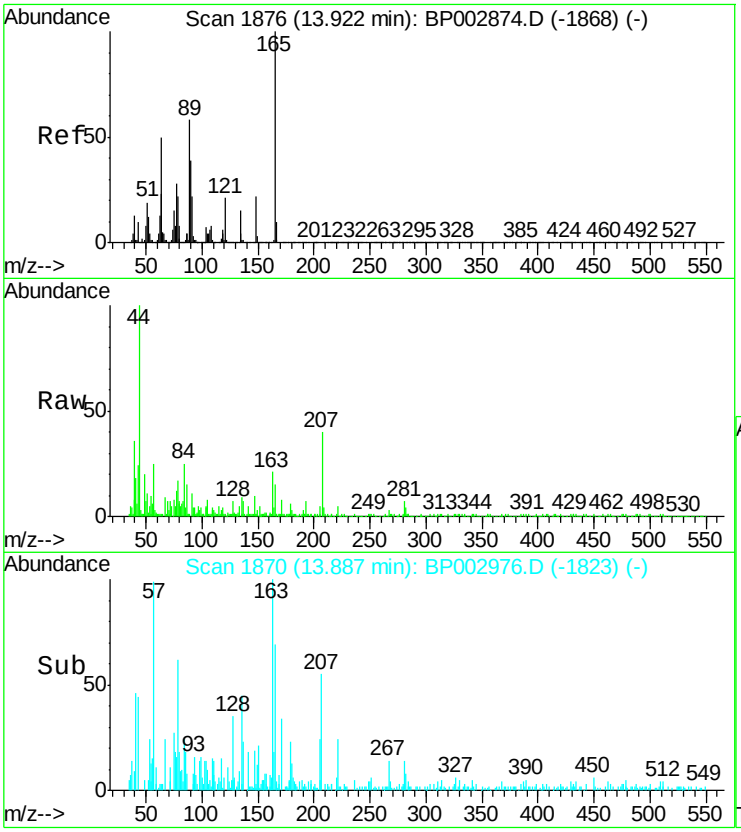


#50
Dimethylphthalate
Concen: 3.242 ng
RT: 13.79 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Tgt Ion:163 Resp: 197572

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.2	12.4



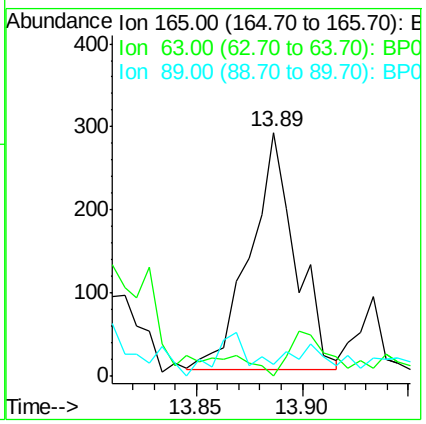


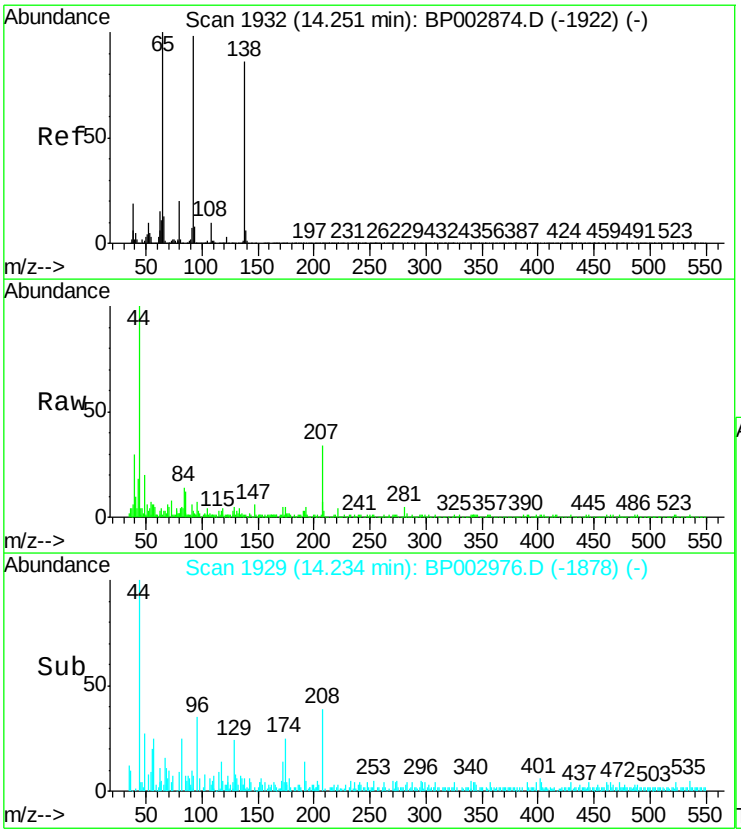
#51
2,6-Dinitrotoluene
Concen: 2.929 ng
RT: 13.89 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion:165 Resp: 429

Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.5	41.3#
89	4.8	35.3	52.9#

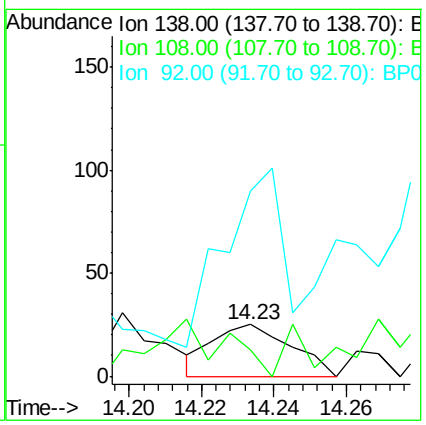


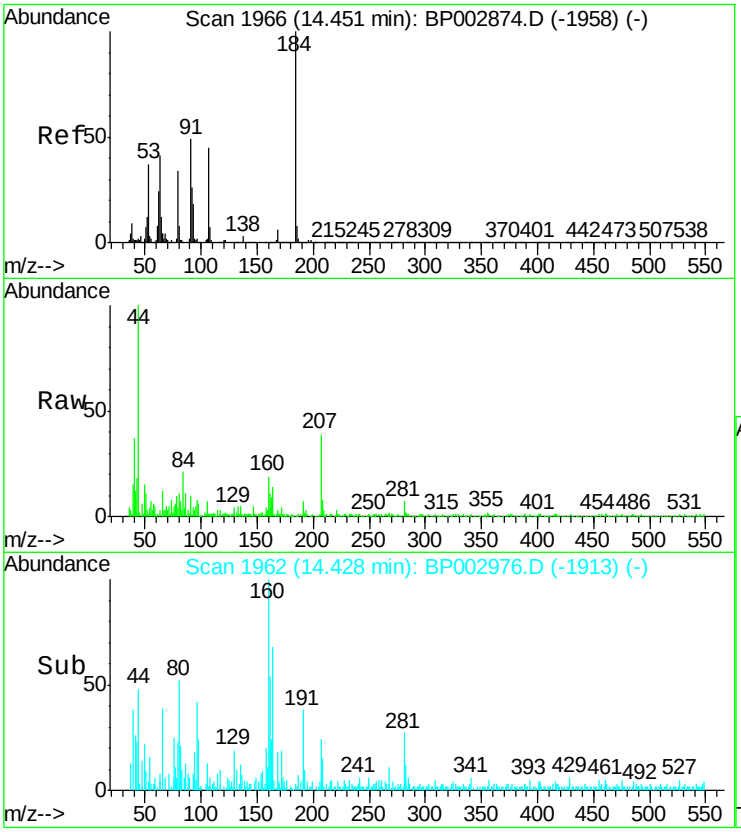


#53
3-Nitroaniline
Concen: 3.276 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Tgt Ion:138 Resp: 37

Ion	Ratio	Lower	Upper
138	100		
108	52.0	7.2	10.8#
92	360.0	75.8	113.6#



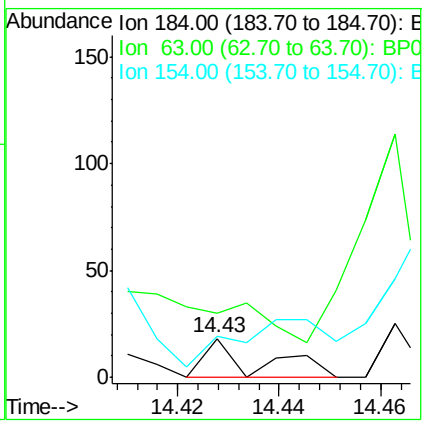


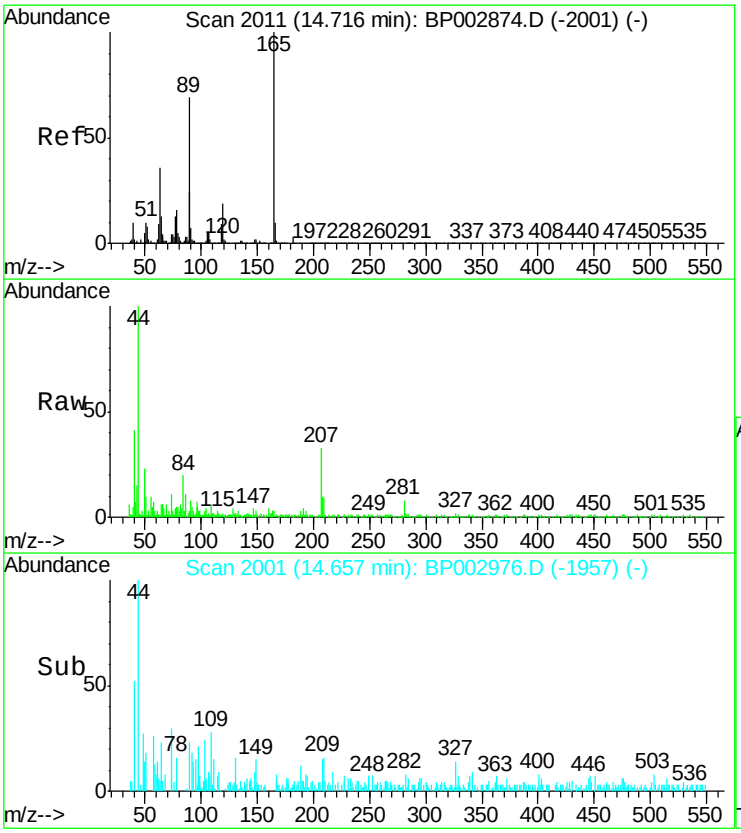
#54
2,4-Dinitrophenol
Concen: 8.059 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion:184 Resp: 13

Ion	Ratio	Lower	Upper
184	100		
63	166.7	36.4	54.6#
154	105.6	46.6	69.8#

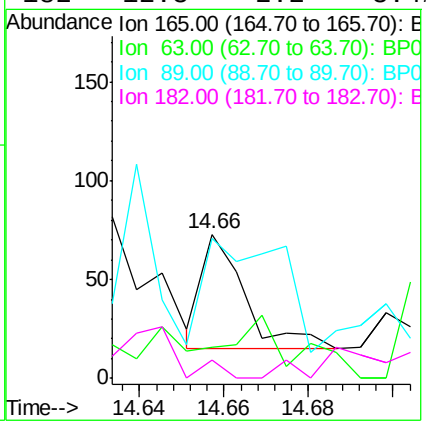


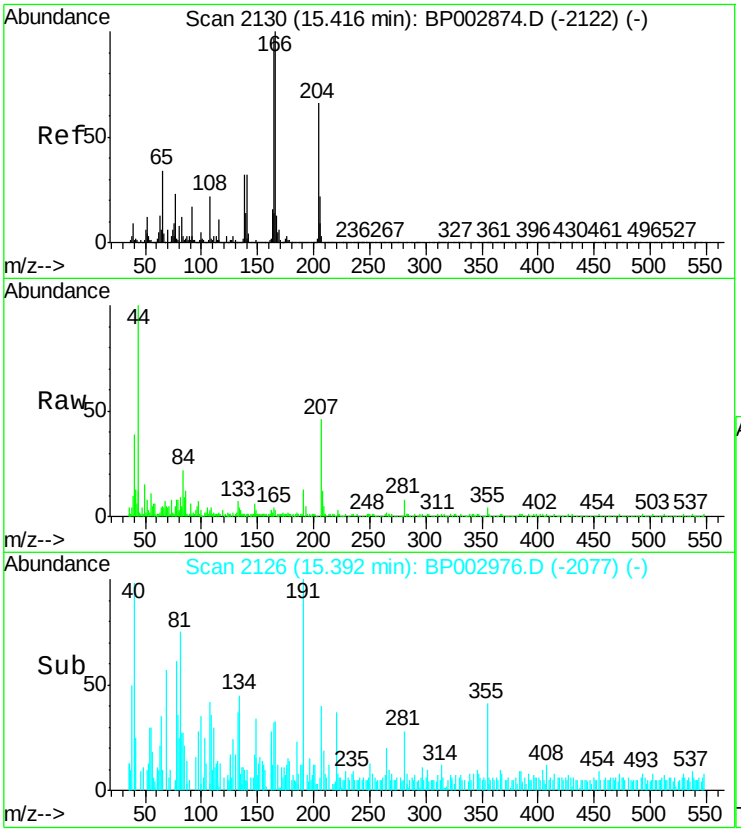


#57
2,4-Dinitrotoluene
Concen: 3.808 ng
RT: 14.66 min Scan# 2001
Delta R.T. -0.04 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Tgt Ion:165 Resp: 41

Ion	Ratio	Lower	Upper
165	100		
63	21.9	22.6	34.0#
89	97.3	46.2	69.2#
182	12.3	2.2	3.4#



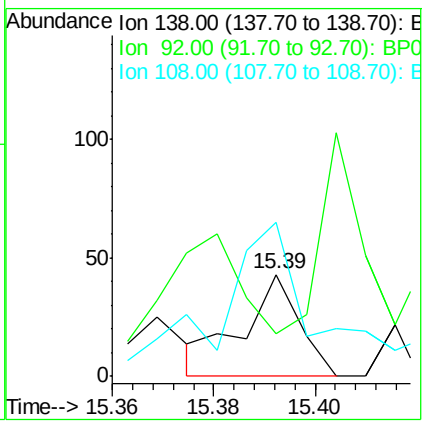


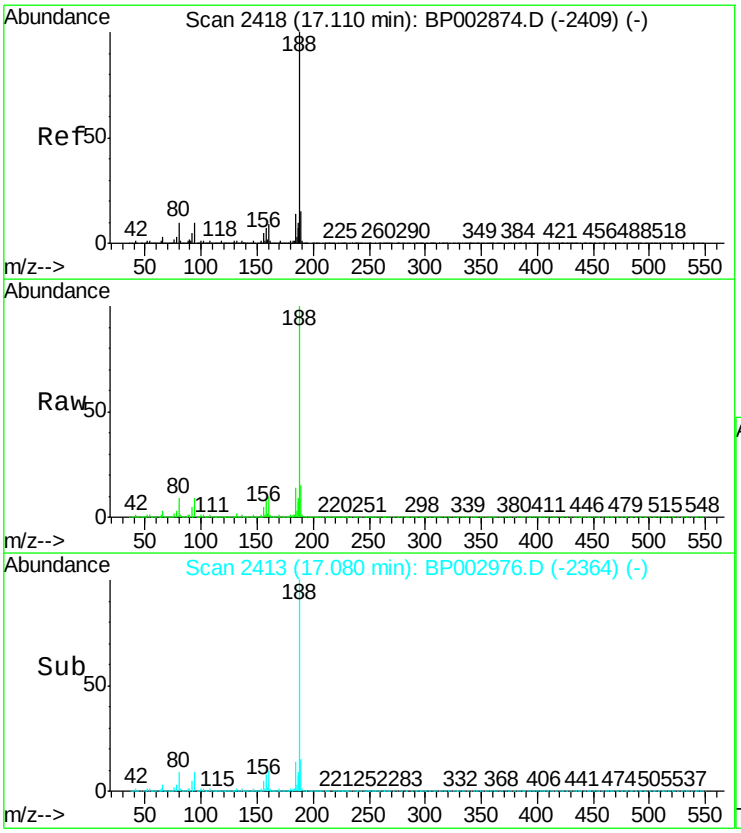
#62
4-Nitroaniline
Concen: 2.418 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion:138 Resp: 33

Ion	Ratio	Lower	Upper
138	100		
92	41.9	21.2	61.2
108	151.2	40.5	80.5#

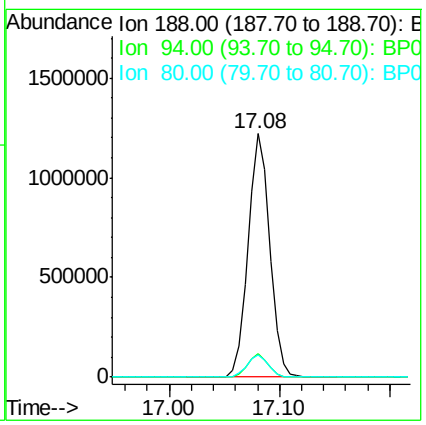


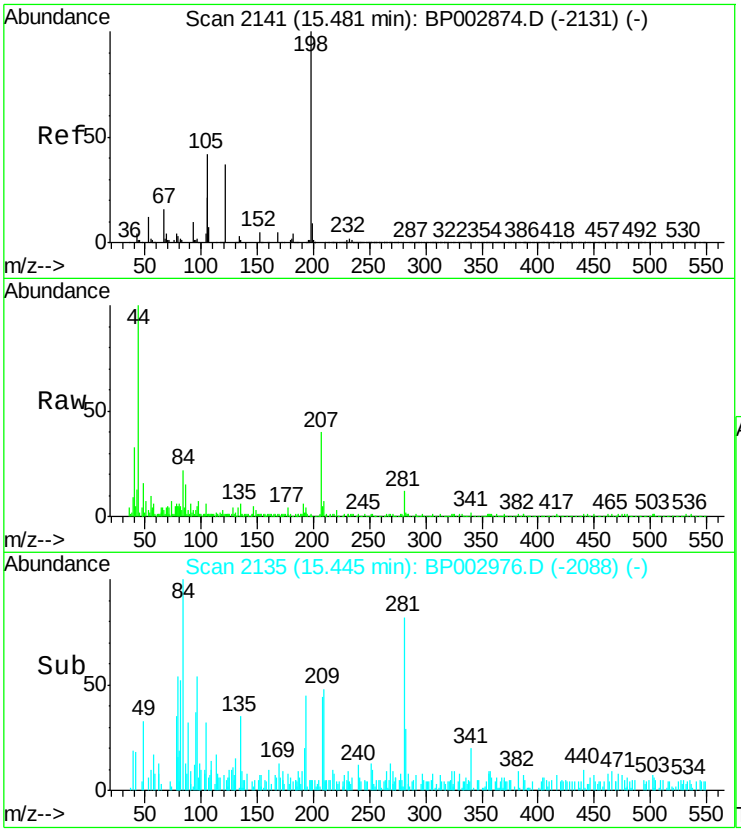


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Tgt Ion:188 Resp: 1683874

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.6
80	8.9	7.0	10.6



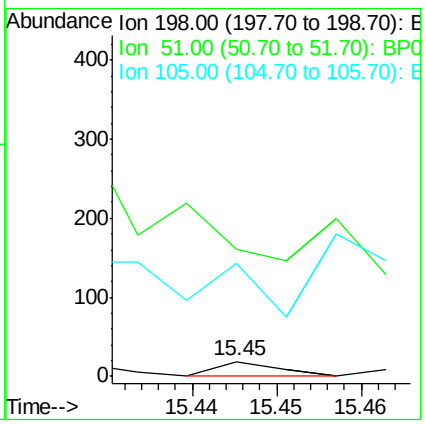


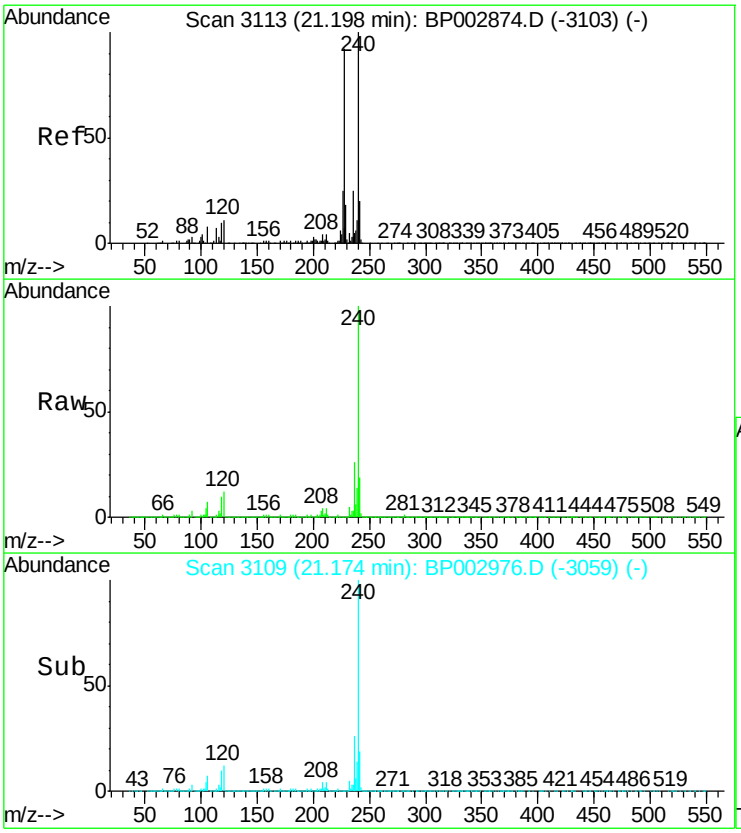
#65
4,6-Dinitro-2-methylphenol
Concen: 6.901 ng
RT: 15.45 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion:198 Resp: 10

Ion	Ratio	Lower	Upper
198	100		
51	847.4	6.5	46.5#
105	752.6	20.4	60.4#

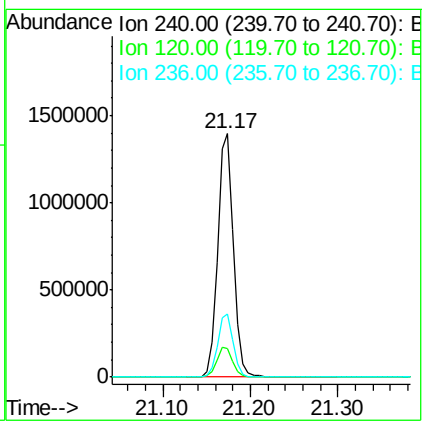


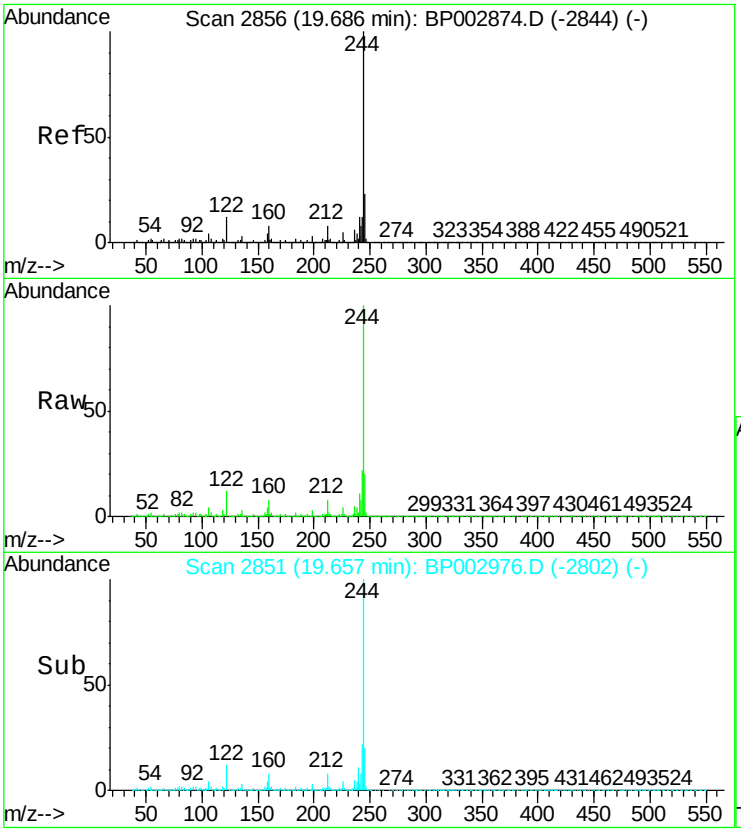


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Tgt Ion:240 Resp: 1729195

Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.6	16.0
236	25.9	20.7	31.1



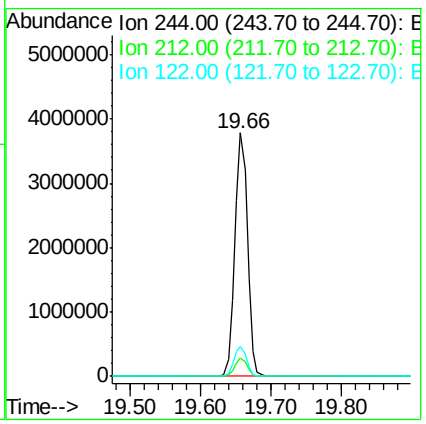


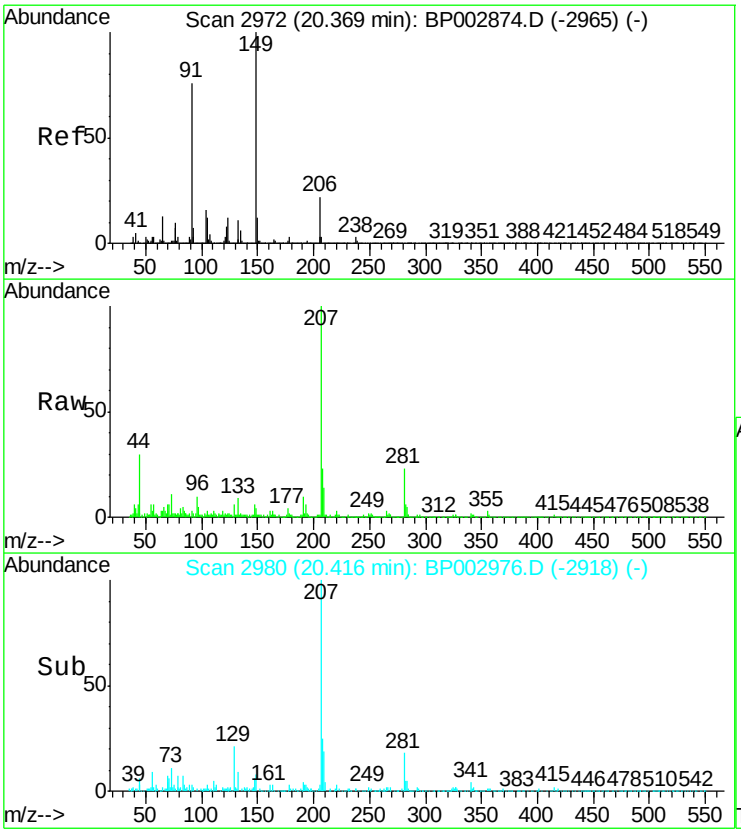
#79
Terphenyl-d14
Concen: 54.215 ng
RT: 19.66 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion:244 Resp: 4682838

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	12.5	9.9	14.9

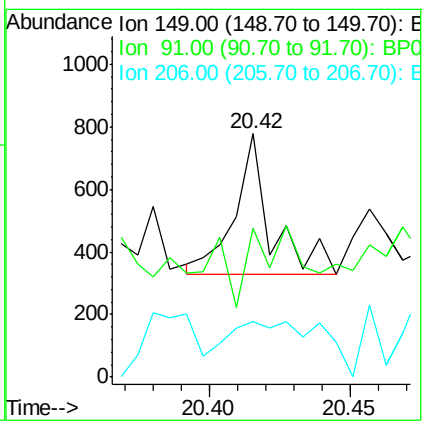


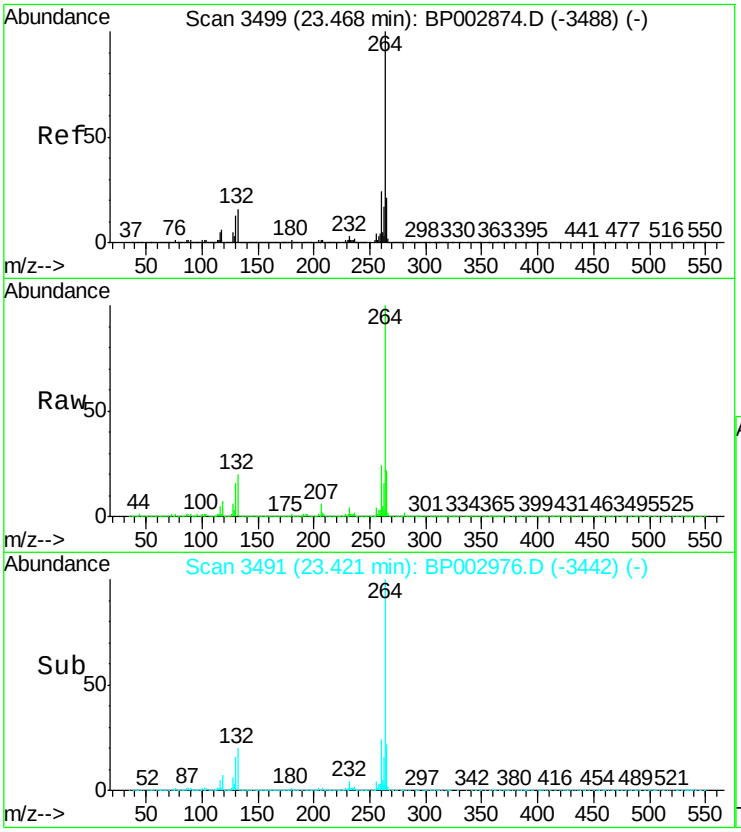


#80
Butylbenzylphthalate
Concen: 3.065 ng
RT: 20.42 min Scan# 2980
Delta R.T. 0.06 min
Lab File: BP002976.D
Acq: 13 Aug 2020 20:54

Tgt Ion:149 Resp: 396

Ion	Ratio	Lower	Upper
149	100		
91	61.2	46.5	69.7
206	23.0	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: BP002976.D
Acq: 13 Aug 2020 20:54

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion:264 Resp: 1815261

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.7	17.6	26.4