Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002910.D
Acq On : 05 Aug 2020 13:31
Operator : CG/JU
Sample : L3541-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TL-10

Quant Time: Aug 05 14:02:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	520413	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	2113757	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	1201446	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1724777	20.00	ng	0.00
76) Chrysene-d12	21.23	240	765659	20.00	ng	0.03
86) Perylene-d12	23.54	264	1049786	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	450071	13.24	ng	0.00
7) Phenol-d6	6.89	99	586892	12.43	ng	0.00
23) Nitrobenzene-d5	8.86	82	360232	9.23	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	214244	14.35	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	968465	11.01	ng	0.00
79) Terphenyl-d14	19.70	244	501676	13.12	ng	0.02
Target Compounds						Qvalue
26) 2-Nitrophenol	9.66	139	4807	4.767	ng	# 1
32) Benzoic acid	9.82	122	239	7.696	ng	# 1
48) 2-Nitroaniline	13.44	65	8069	4.353	ng	# 73
51) 2,6-Dinitrotoluene	13.92	165	55650	5.368	ng	# 35
53) 3-Nitroaniline	14.28	138	33702	4.685	ng	# 34
54) 2,4-Dinitrophenol	14.46	184	2034	8.262	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	11834	4.196	ng	# 49
62) 4-Nitroaniline	15.27	138	75957	5.724	ng	91
65) 4,6-Dinitro-2-methylphenol	15.46	198	8773	7.736	ng	# 1
66) n-Nitrosodiphenylamine	15.64	169	161989	2.836	ng	# 53
71) Phenanthrene	17.16	178	392472	3.880	ng	# 45
75) Fluoranthene	19.14	202	406695	3.490	ng	# 62
78) Pyrene	19.50	202	979295	18.296	ng	# 85
80) Butylbenzylphthalate	20.36	149	30894	4.388	ng	# 20
83) Chrysene	21.25	228	840148	17.077	ng	# 55
84) Bis(2-ethylhexyl)phthalate	21.14	149	60047	2.027	ng	# 1
88) Benzo(b)fluoranthene	22.85	252	439975	5.939	ng	# 1
89) Benzo(k)fluoranthene	22.85	252	439975	6.284	ng	# 1
90) Benzo(a)pyrene	23.44	252	203410	3.039	ng	# 1
92) Benzo(g,h,i)perylene	26.62	276	308341	4.456	ng	# 39

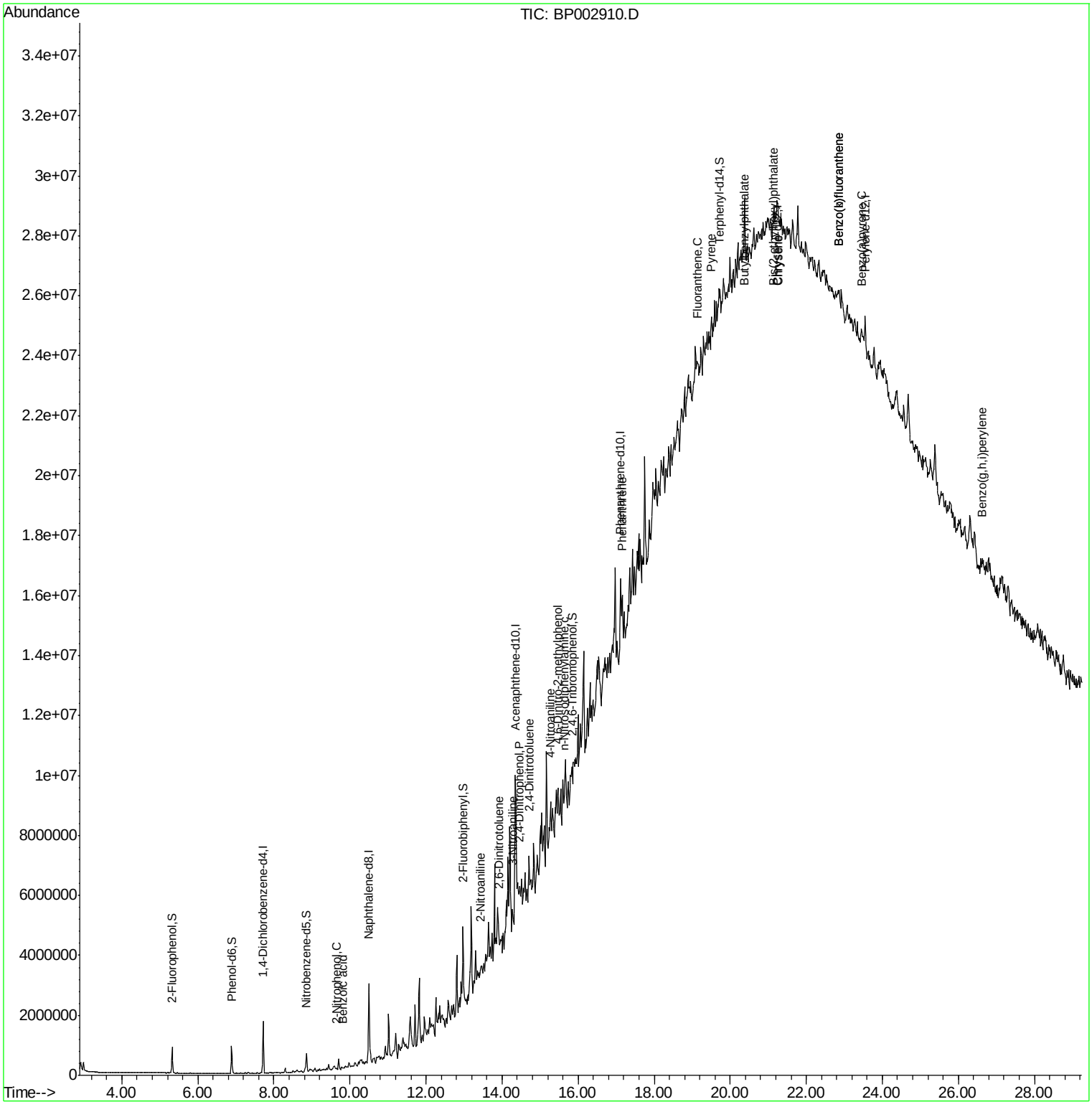
(#) = qualifier out of range (m) = manual integration (+) = signals summed

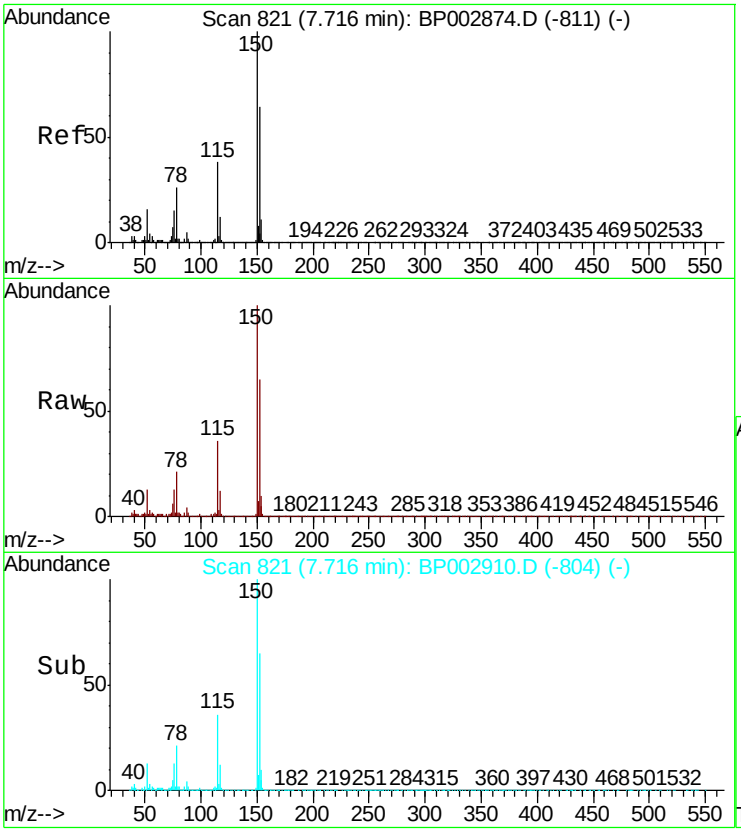
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002910.D
Acq On : 05 Aug 2020 13:31
Operator : CG/JU
Sample : L3541-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TL-10

Quant Time: Aug 05 14:02:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration



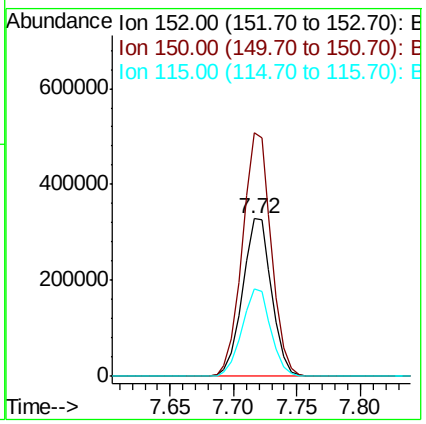


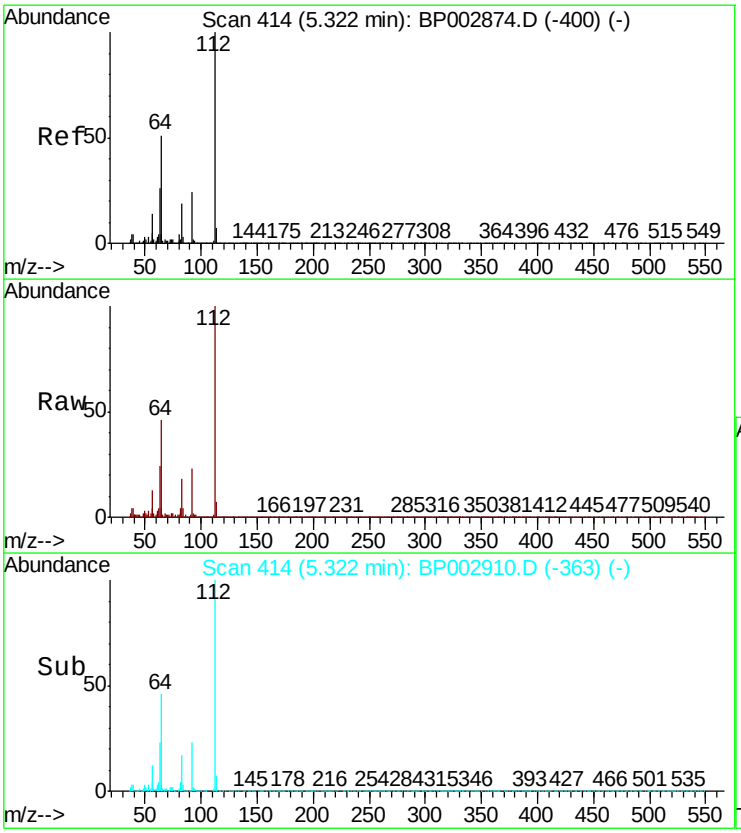
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion:152 Resp: 520413

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.8	187.2
115	55.2	47.4	71.2

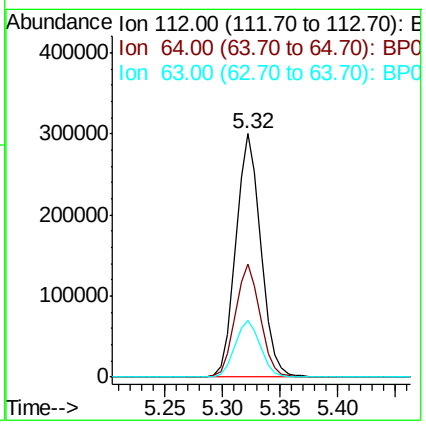


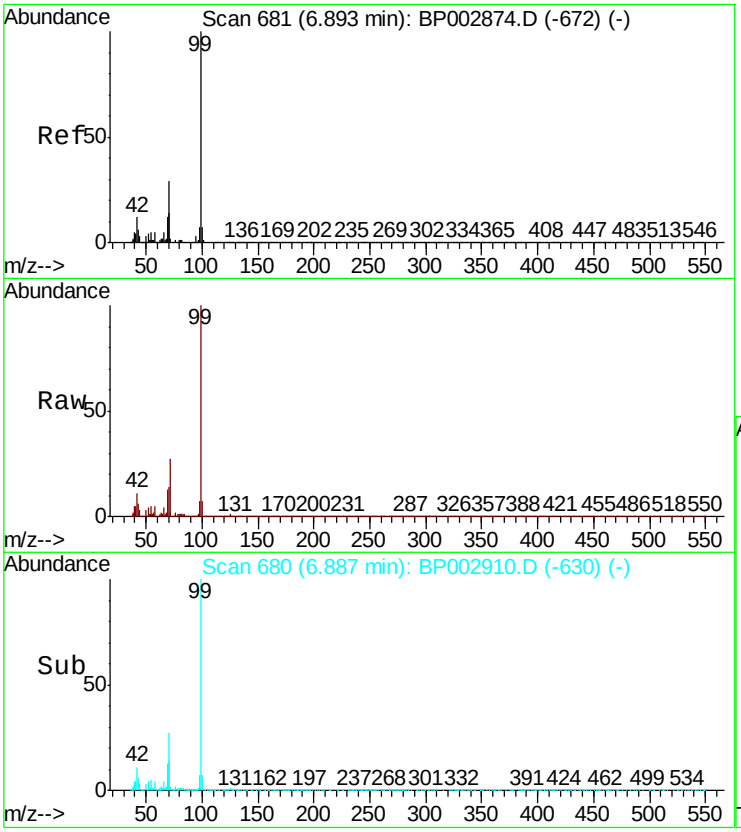


#5
2-Fluorophenol
Concen: 13.236 ng
RT: 5.32 min Scan# 414
Delta R.T. -0.00 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:112 Resp: 450071

Ion	Ratio	Lower	Upper
112	100		
64	46.2	41.0	61.6
63	23.5	20.7	31.1



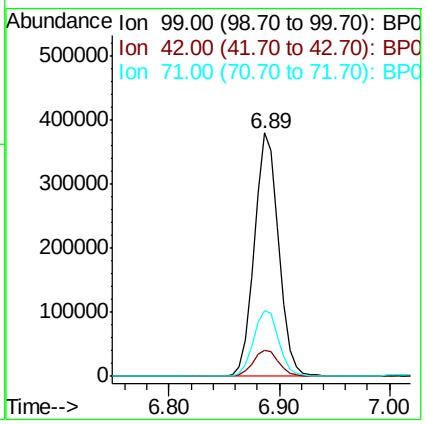


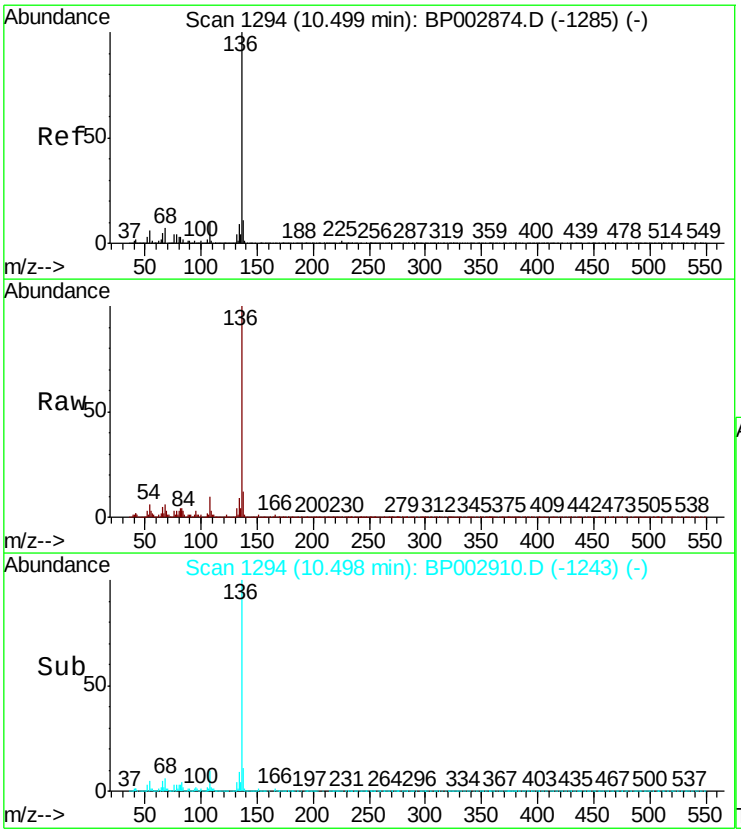
#7
Phenol-d6
Concen: 12.432 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion: 99 Resp: 586892

Ion	Ratio	Lower	Upper
99	100		
42	10.9	9.3	13.9
71	27.1	23.5	35.3

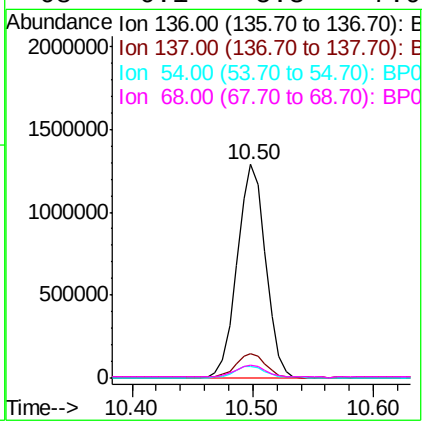


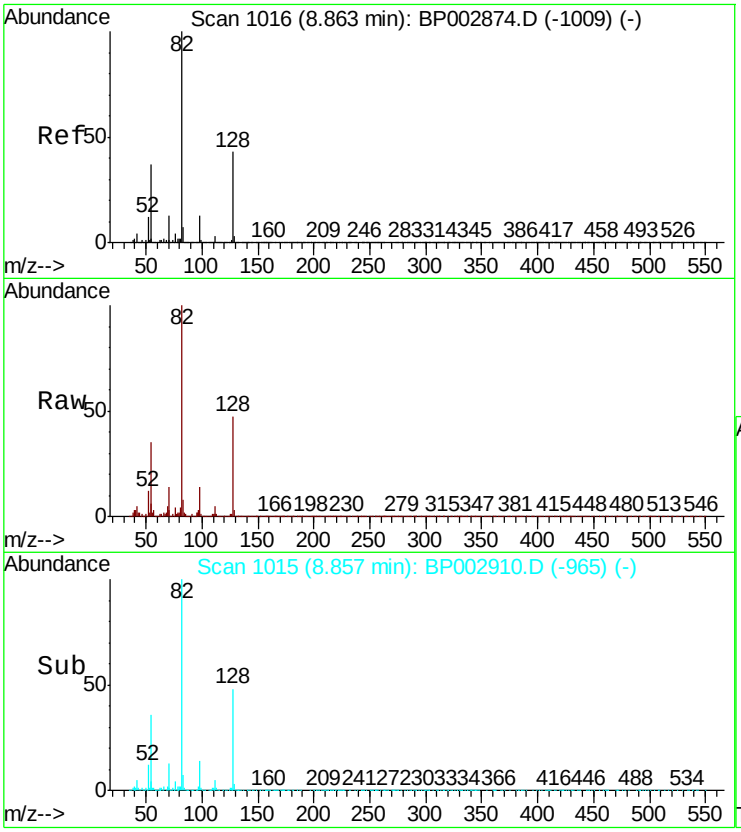


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:136 Resp: 2113757

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	5.6	5.1	7.7
68	6.1	5.3	7.9



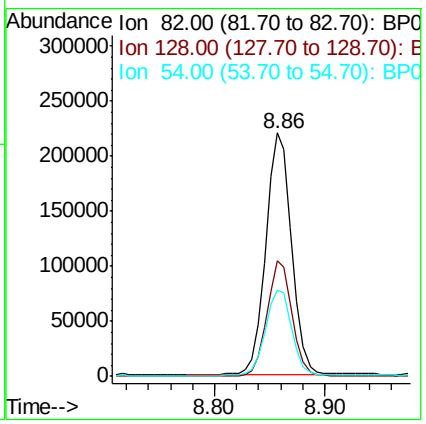


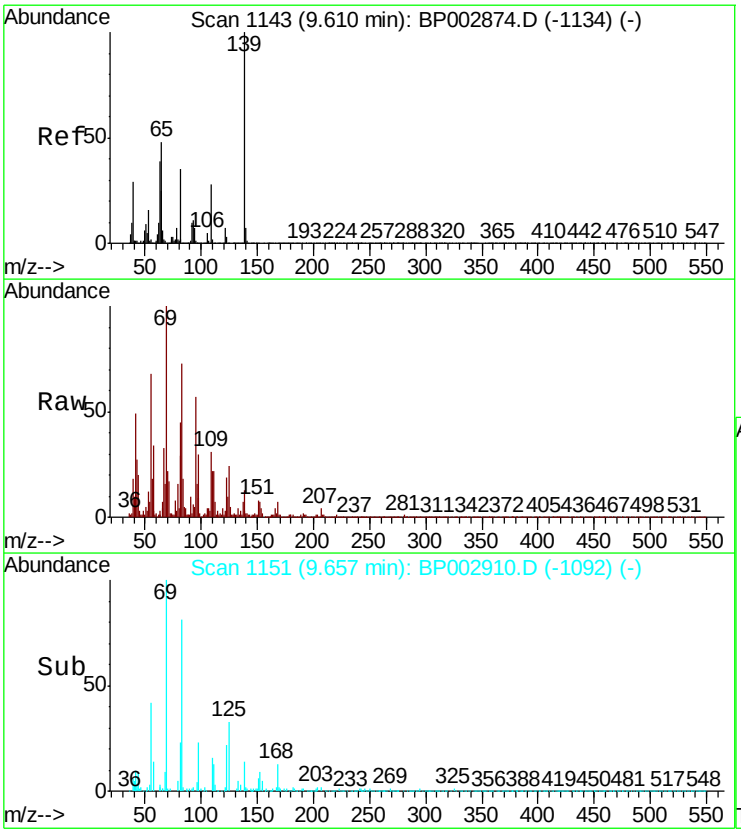
#23
Nitrobenzene-d5
Concen: 9.230 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion: 82 Resp: 360232

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.6	52.0
54	35.5	29.5	44.3

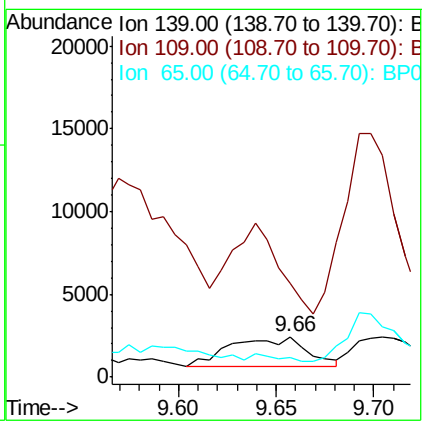


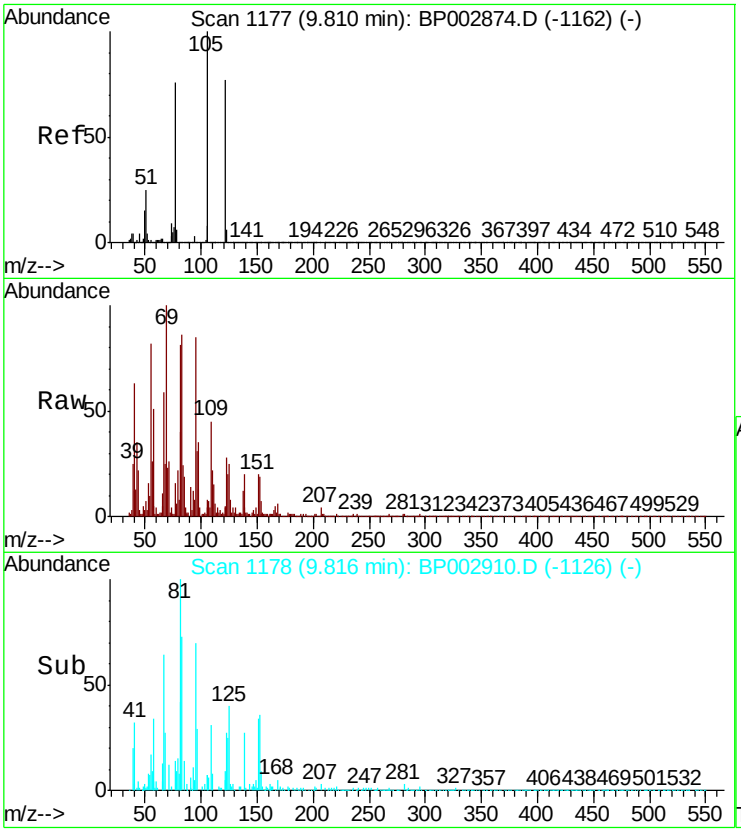


#26
2-Nitrophenol
Concen: 4.767 ng
RT: 9.66 min Scan# 1151
Delta R.T. 0.05 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:139 Resp: 4807

Ion	Ratio	Lower	Upper
139	100		
109	233.4	22.2	33.2#
65	48.7	38.9	58.3



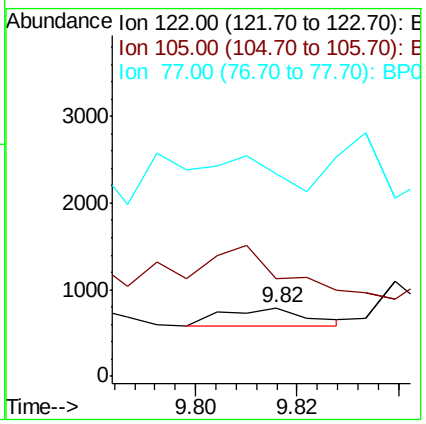


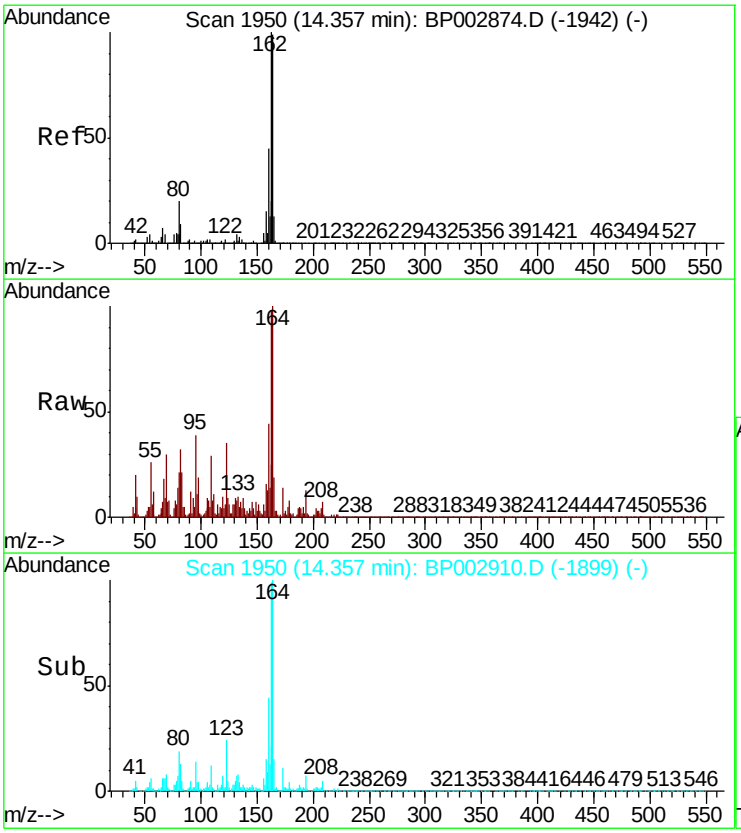
#32
Benzoic acid
Concen: 7.696 ng
RT: 9.82 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion:122 Resp: 239

Ion	Ratio	Lower	Upper
122	100		
105	141.5	103.4	143.4
77	294.7	74.6	114.6#

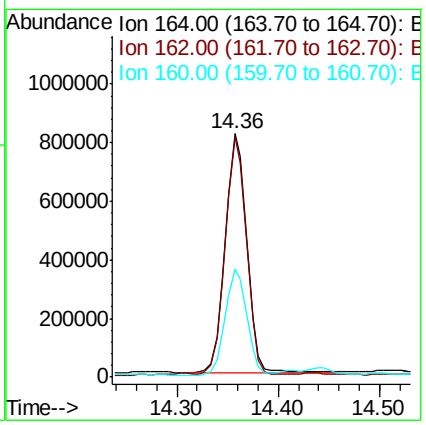


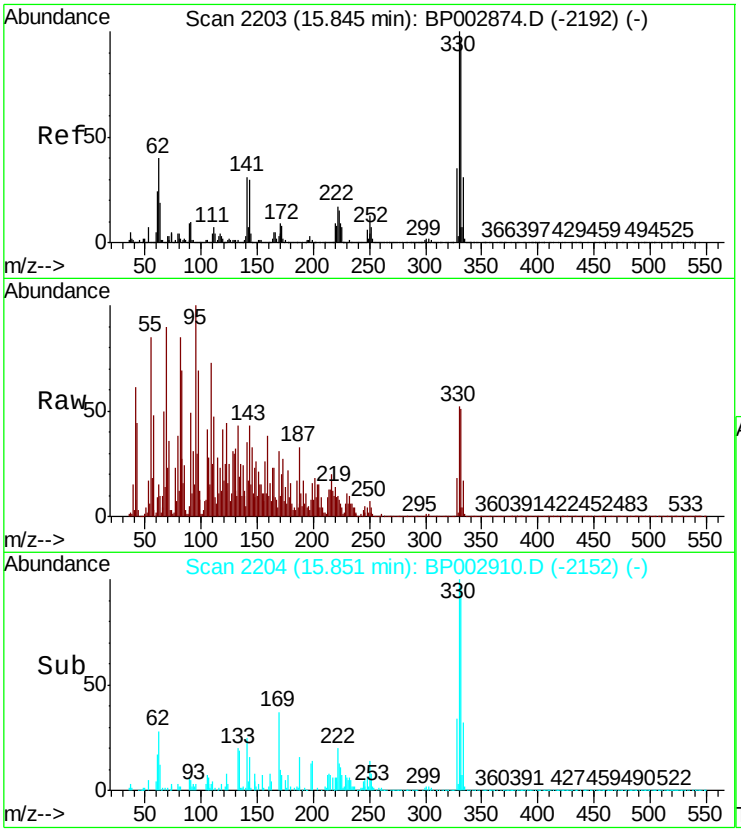


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:164 Resp: 1201446

Ion	Ratio	Lower	Upper
164	100		
162	98.3	81.0	121.6
160	44.4	36.2	54.4



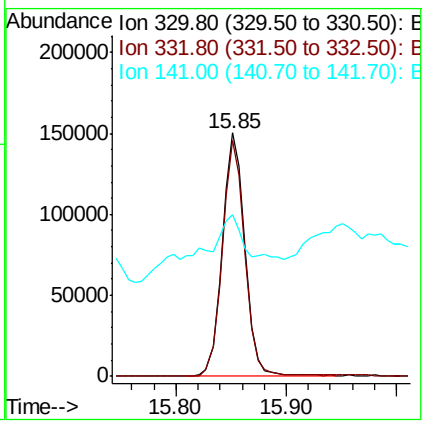


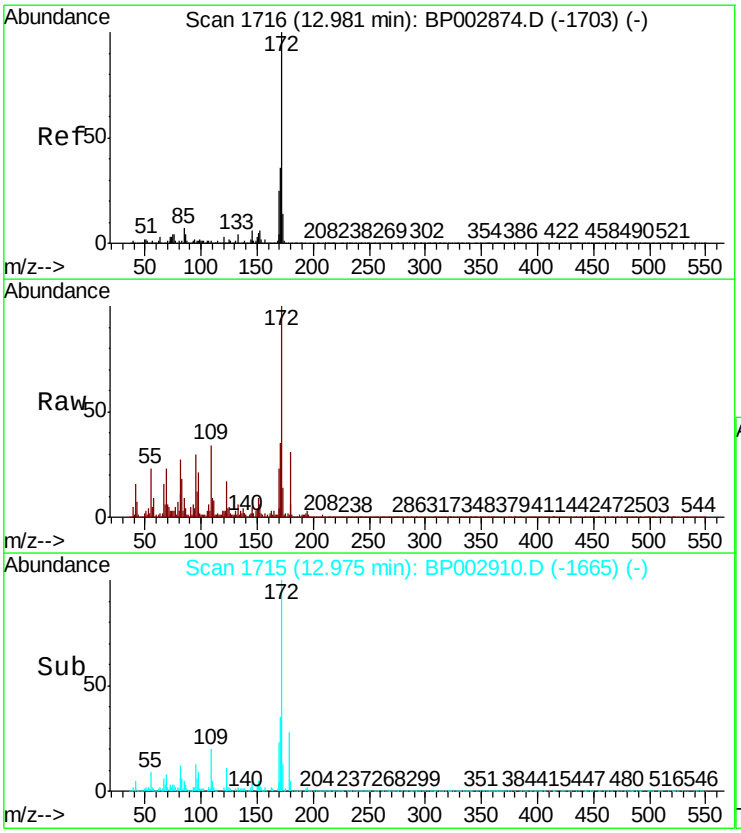
#42
2,4,6-Tribromophenol
Concen: 14.347 ng
RT: 15.85 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion:330 Resp: 214244

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	20.5	24.6	37.0#

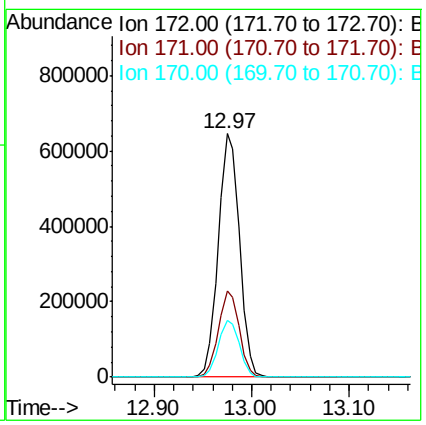


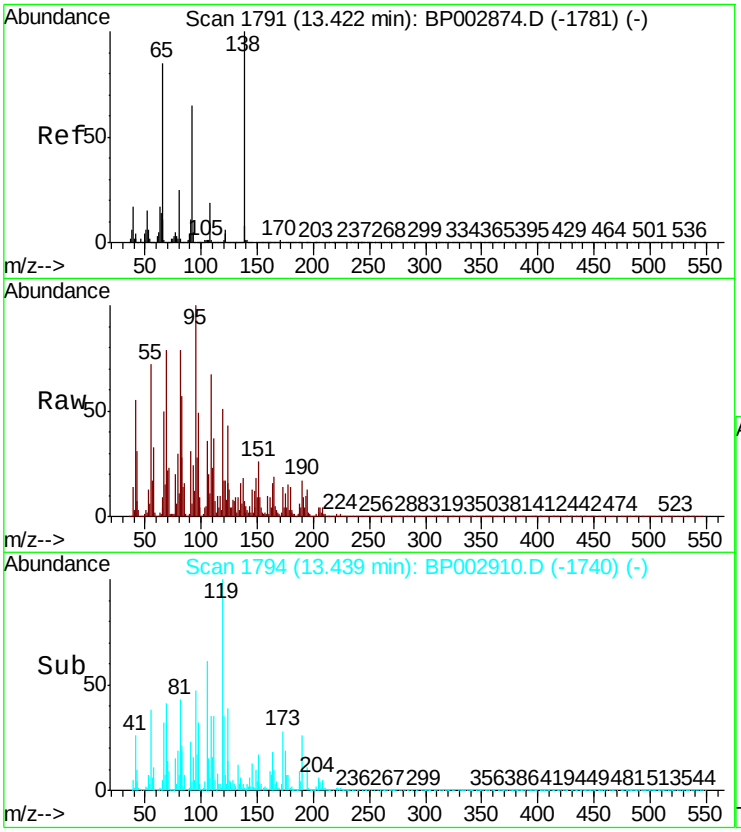


#45
2-Fluorobiphenyl
Concen: 11.013 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:172 Resp: 968465

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.1	43.7
170	23.1	19.6	29.4



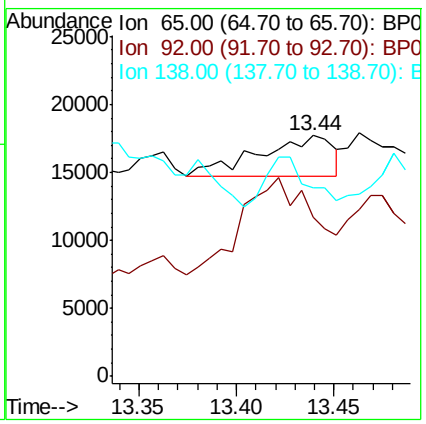


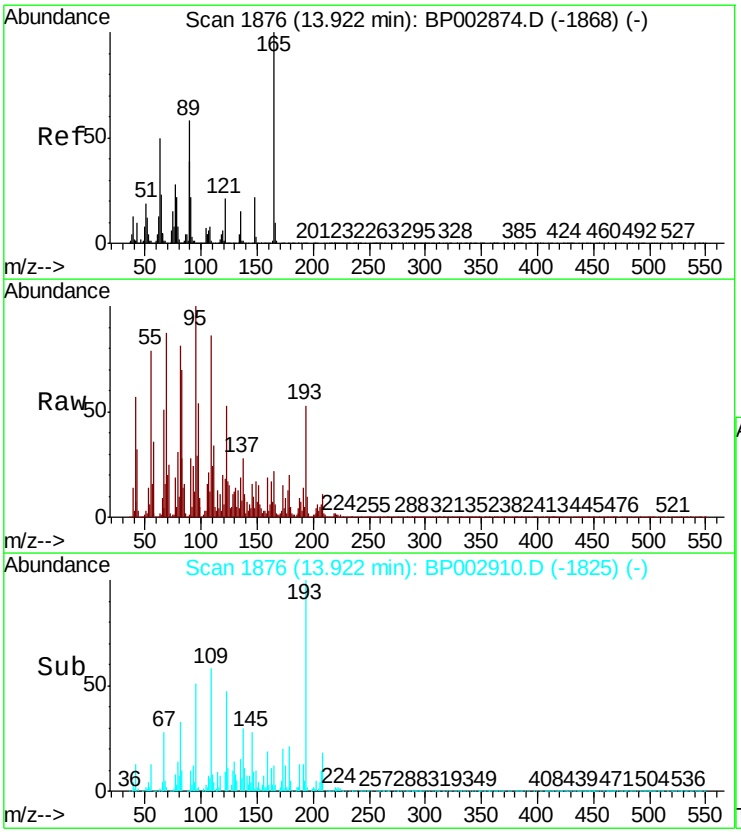
#48
2-Nitroaniline
Concen: 4.353 ng
RT: 13.44 min Scan# 1794
Delta R.T. 0.02 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion: 65 Resp: 8069

Ion	Ratio	Lower	Upper
65	100		
92	66.1	61.4	92.0
138	78.1	94.2	141.4#

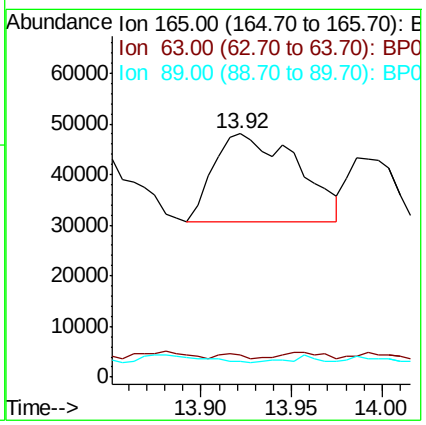


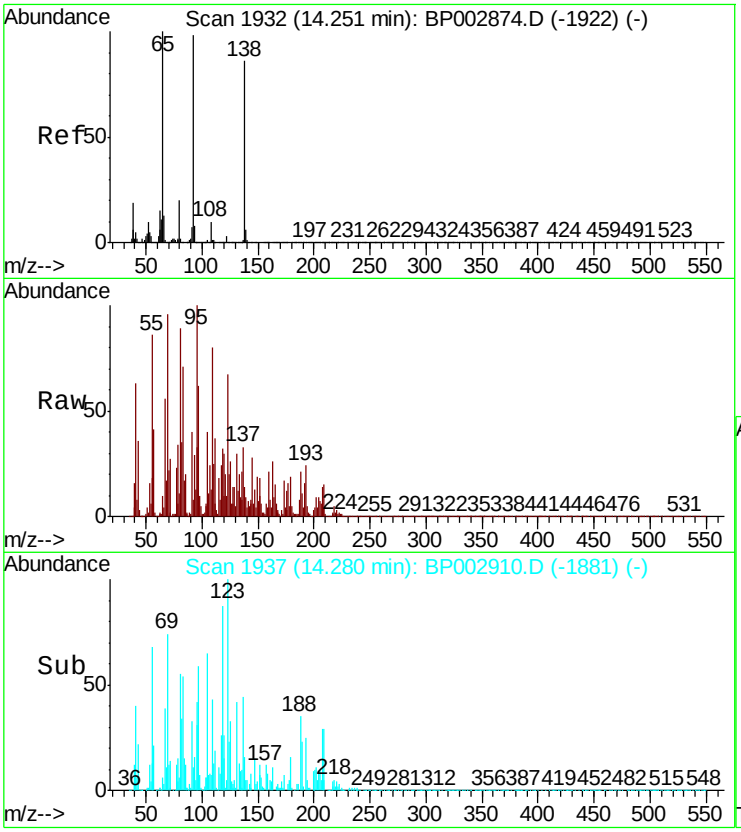


#51
2,6-Dinitrotoluene
Concen: 5.368 ng
RT: 13.92 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:165 Resp: 55650

Ion	Ratio	Lower	Upper
165	100		
63	9.1	40.3	60.5#
89	6.4	46.5	69.7#



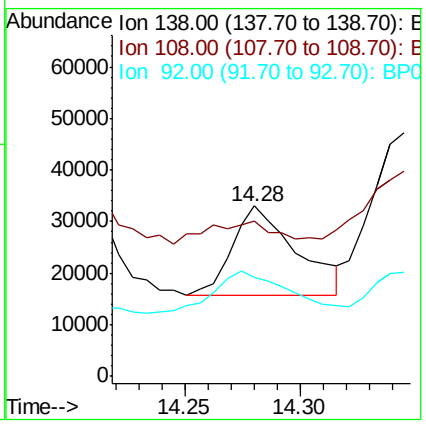


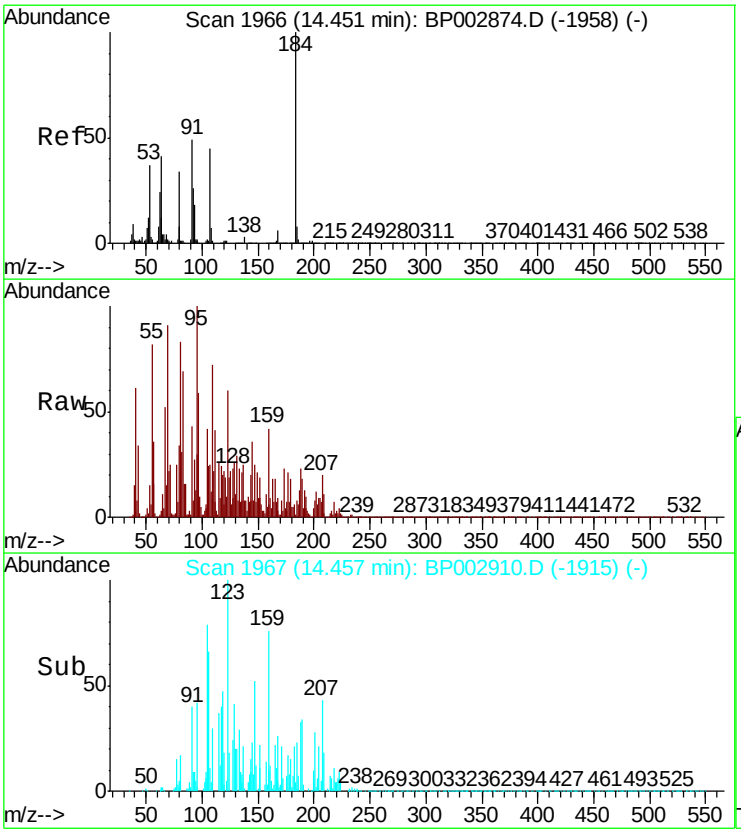
#53
3-Nitroaniline
Concen: 4.685 ng
RT: 14.28 min Scan# 1937
Delta R.T. 0.03 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion:138 Resp: 33702

Ion	Ratio	Lower	Upper
138	100		
108	91.3	9.4	14.0#
92	58.5	91.0	136.6#

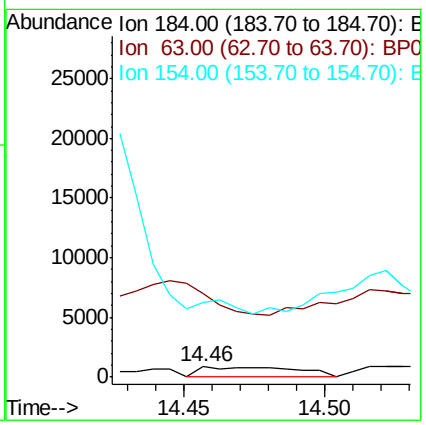


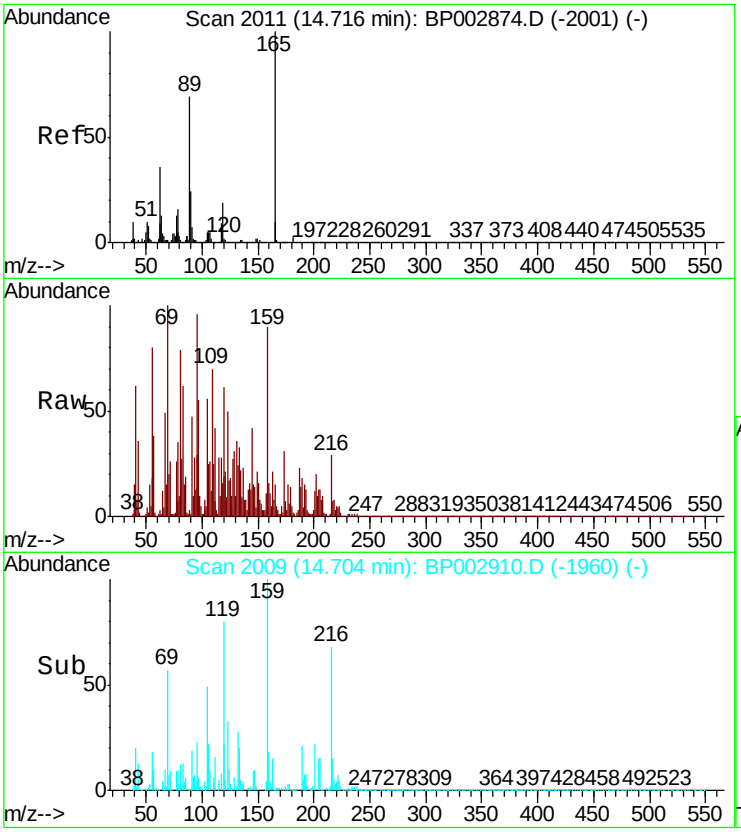


#54
2,4-Dinitrophenol
Concen: 8.262 ng
RT: 14.46 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:184 Resp: 2034

Ion	Ratio	Lower	Upper
184	100		
63	787.7	50.3	75.5#
154	703.7	50.6	76.0#



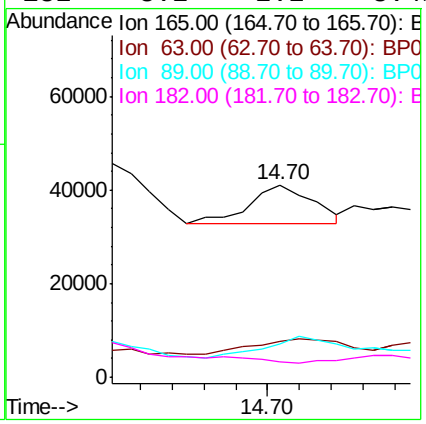


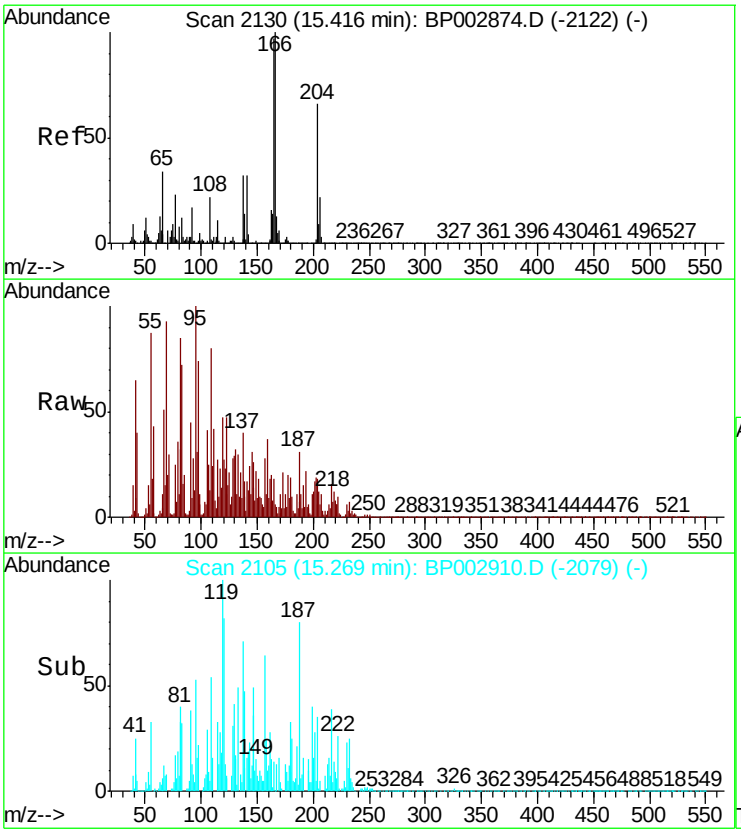
#57
2,4-Dinitrotoluene
Concen: 4.196 ng
RT: 14.70 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion:165 Resp: 11834

Ion	Ratio	Lower	Upper
165	100		
63	18.8	29.0	43.4#
89	17.4	55.5	83.3#
182	8.2	2.2	3.4#

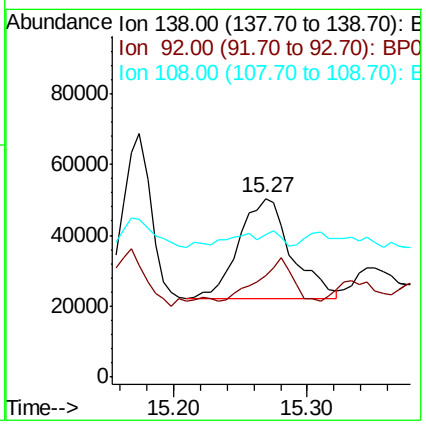


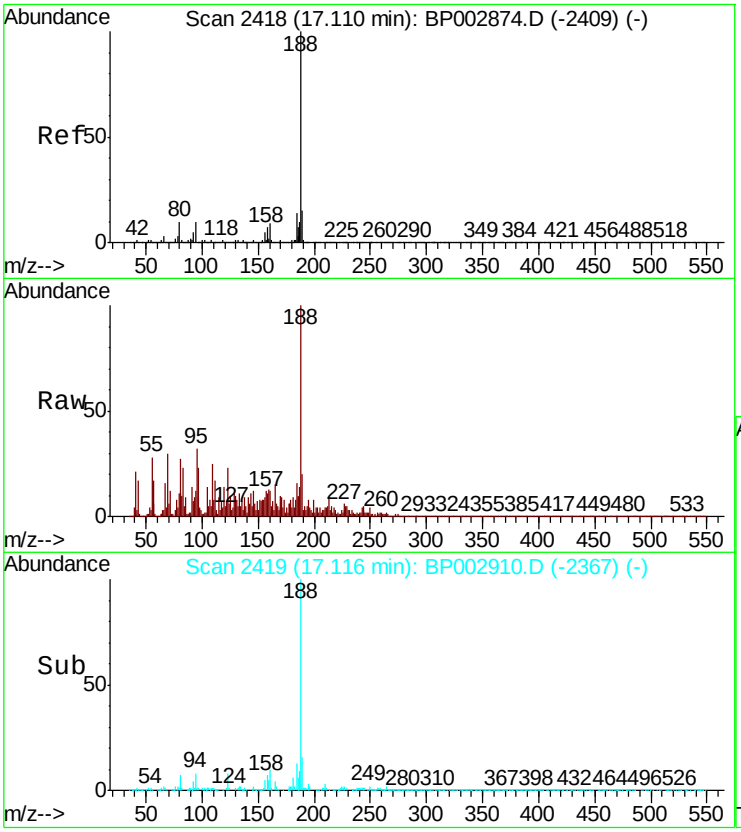


#62
4-Nitroaniline
Concen: 5.724 ng
RT: 15.27 min Scan# 2105
Delta R.T. -0.15 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:138 Resp: 75957

Ion	Ratio	Lower	Upper
138	100		
92	56.6	32.2	72.2
108	79.7	50.0	90.0



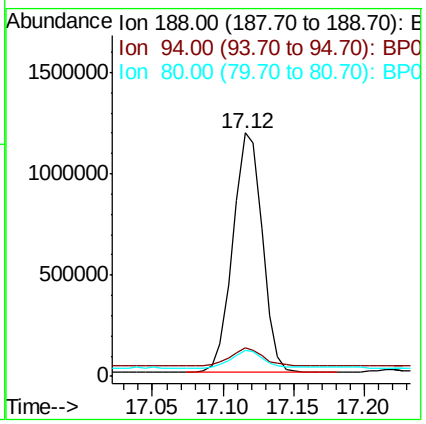


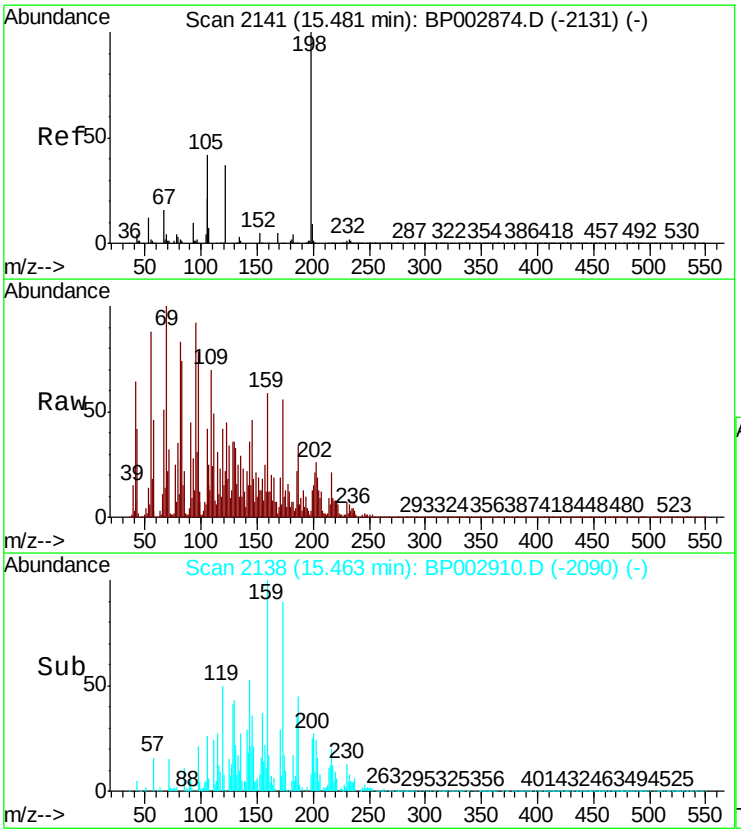
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2419
Delta R.T. 0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion:188 Resp: 1724777

Ion	Ratio	Lower	Upper
188	100		
94	11.7	7.8	11.6#
80	10.7	8.0	12.0

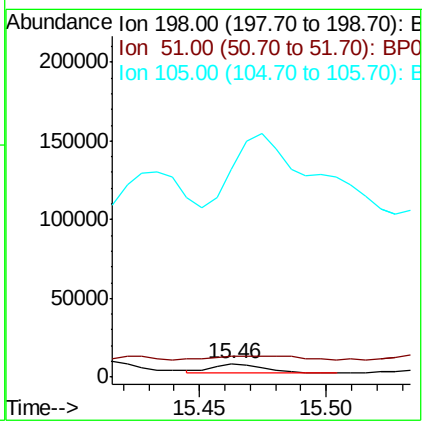


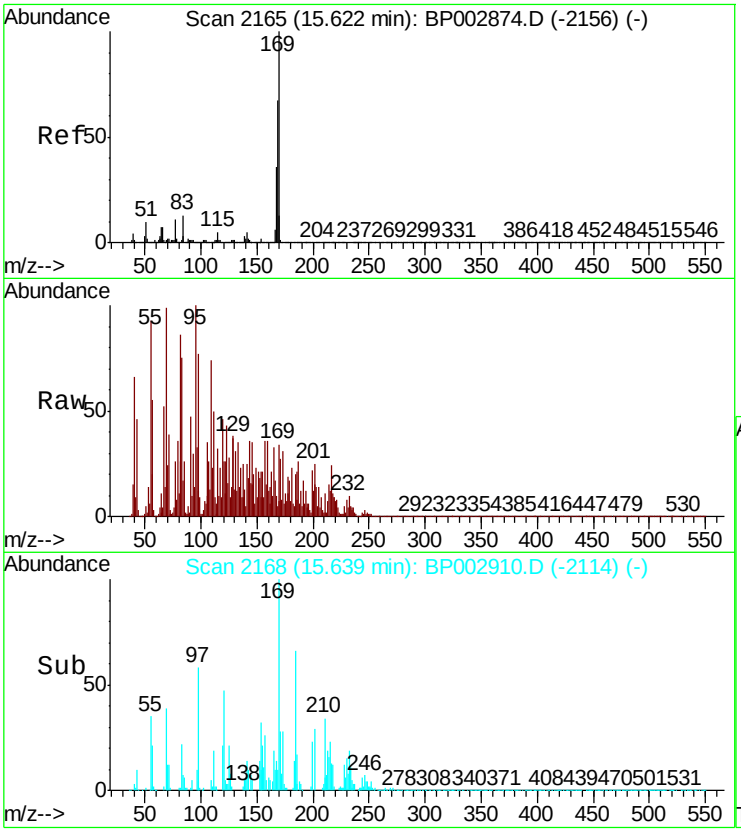


#65
4,6-Dinitro-2-methylphenol
Concen: 7.736 ng
RT: 15.46 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:198 Resp: 8773

Ion	Ratio	Lower	Upper
198	100		
51	155.1	11.6	51.6#
105	1511.0	23.8	63.8#



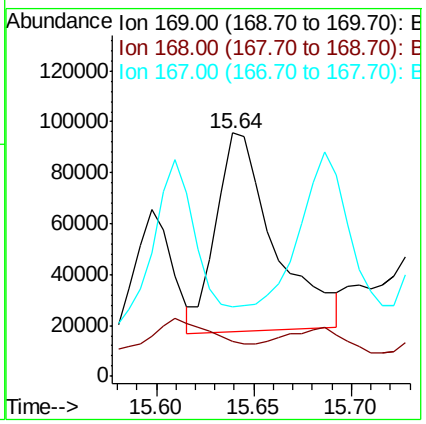


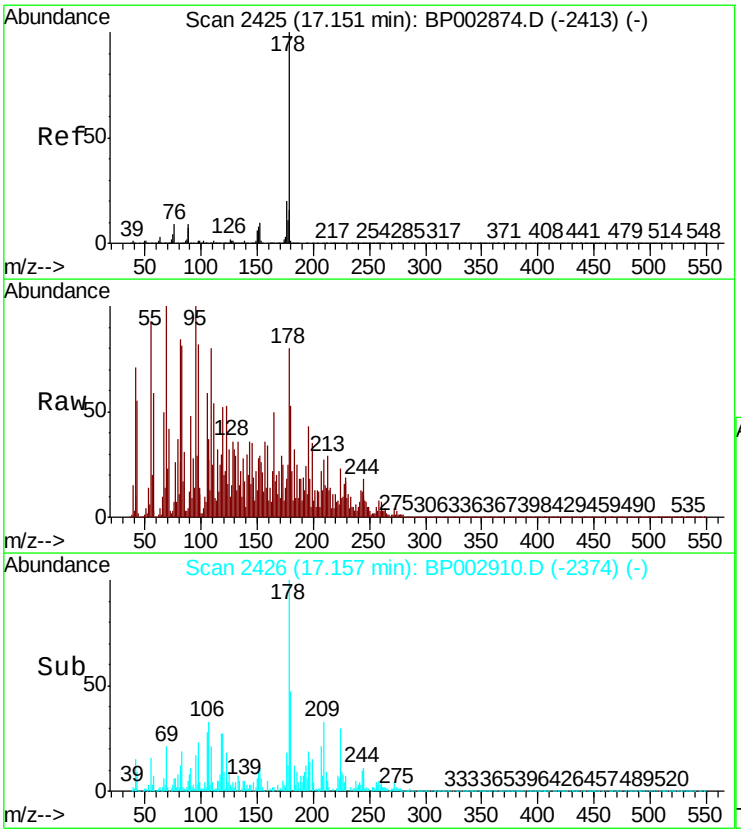
#66
n-Nitrosodiphenylamine
Concen: 2.836 ng
RT: 15.64 min Scan# 2168
Delta R.T. 0.02 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion:169 Resp: 161989

Ion	Ratio	Lower	Upper
169	100		
168	14.2	53.6	80.4#
167	28.4	29.1	43.7#

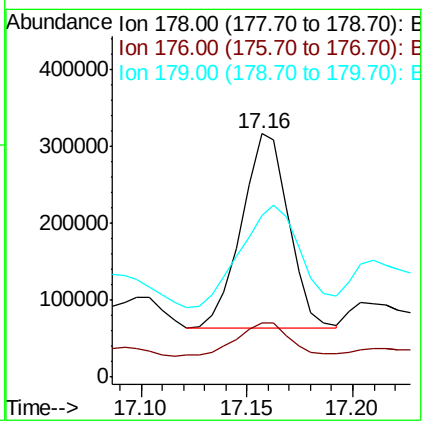


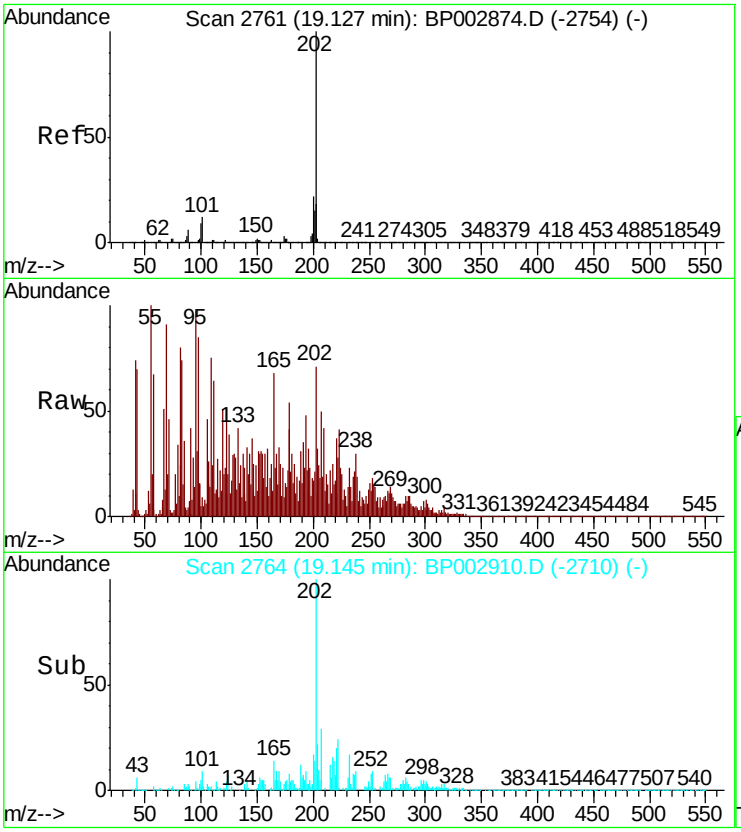


#71
Phenanthrene
Concen: 3.880 ng
RT: 17.16 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:178 Resp: 392472

Ion	Ratio	Lower	Upper
178	100		
176	22.5	16.1	24.1
179	66.2	13.0	19.4#



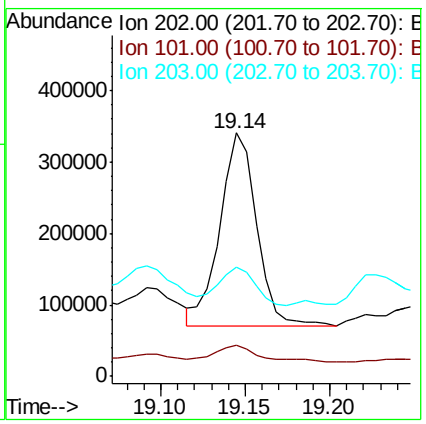


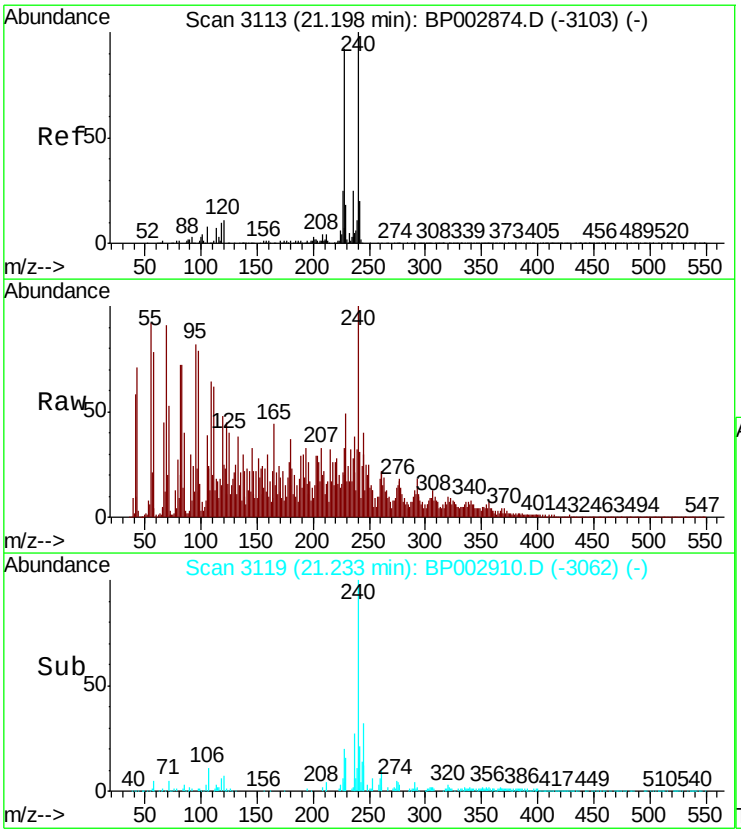
#75
Fluoranthene
Concen: 3.490 ng
RT: 19.14 min Scan# 2764
Delta R.T. 0.02 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion:202 Resp: 406695

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.6
203	44.9	0.0	38.4#

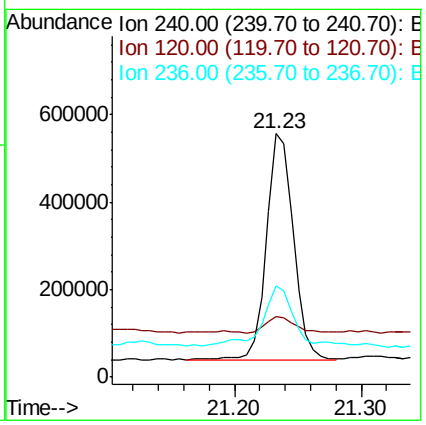


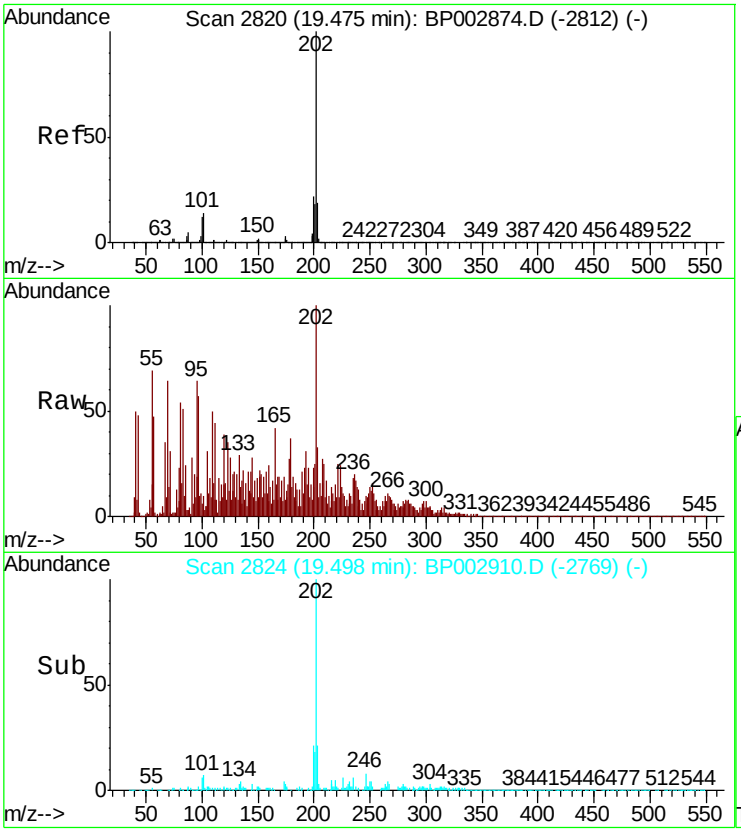


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.23 min Scan# 3119
Delta R.T. 0.03 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:240 Resp: 765659

Ion	Ratio	Lower	Upper
240	100		
120	24.7	8.9	13.3#
236	37.5	20.3	30.5#



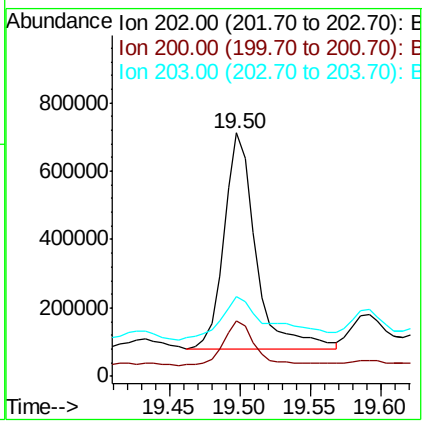


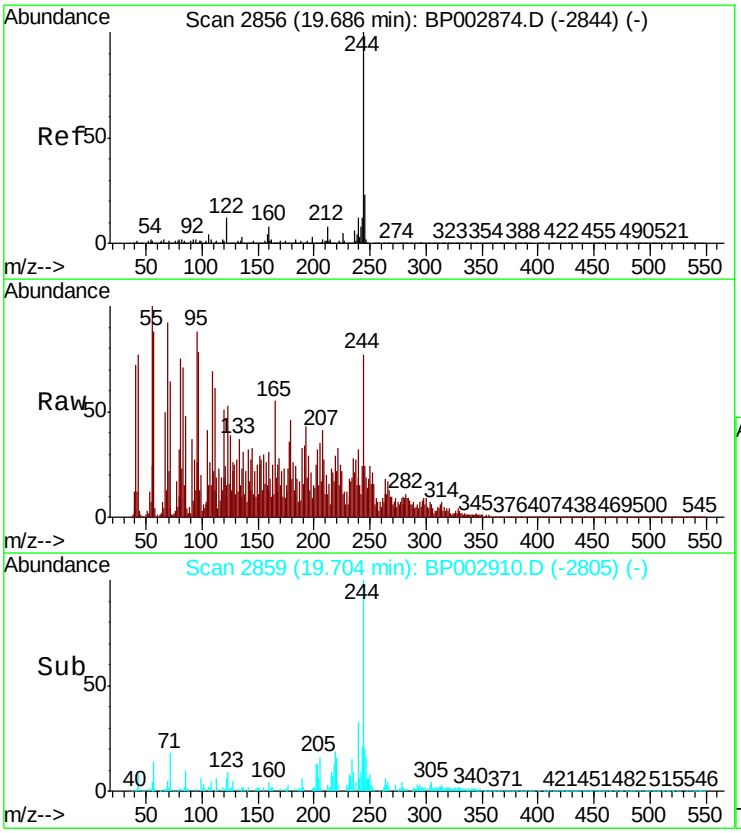
#78
Pyrene
Concen: 18.296 ng
RT: 19.50 min Scan# 2824
Delta R.T. 0.02 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion:202 Resp: 979295

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.9	26.9
203	32.9	15.1	22.7#

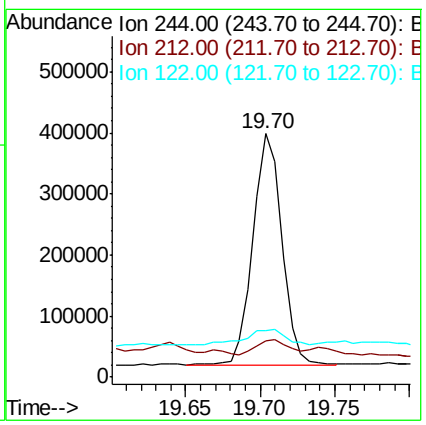


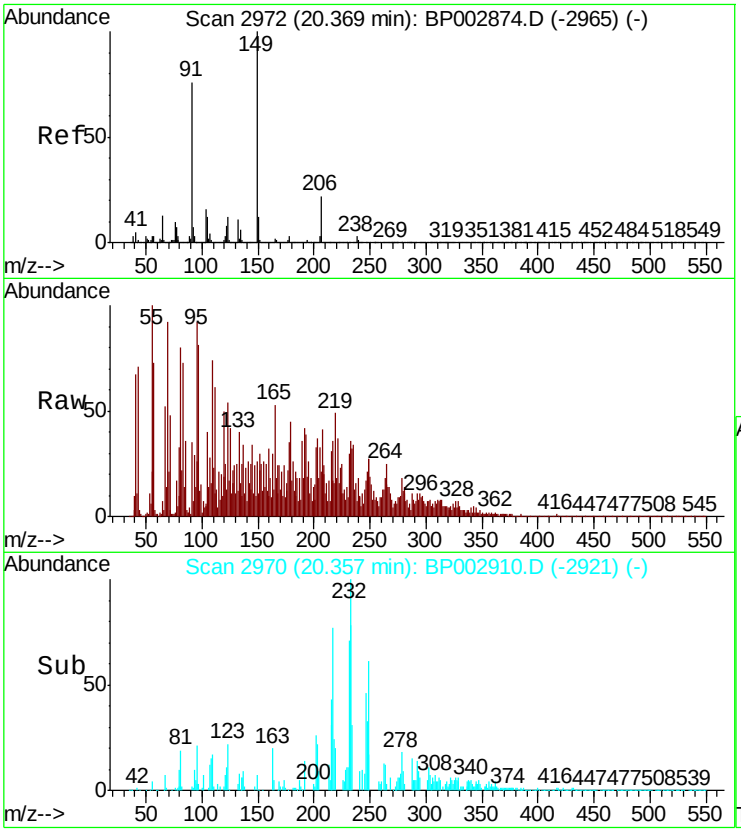


#79
Terphenyl-d14
Concen: 13.117 ng
RT: 19.70 min Scan# 2859
Delta R.T. 0.02 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:244 Resp: 501676

Ion	Ratio	Lower	Upper
244	100		
212	14.9	6.4	9.6#
122	19.1	9.4	14.2#



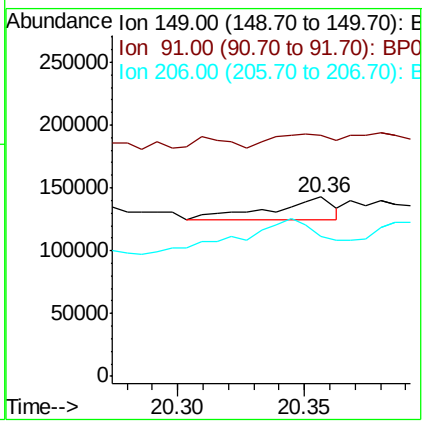


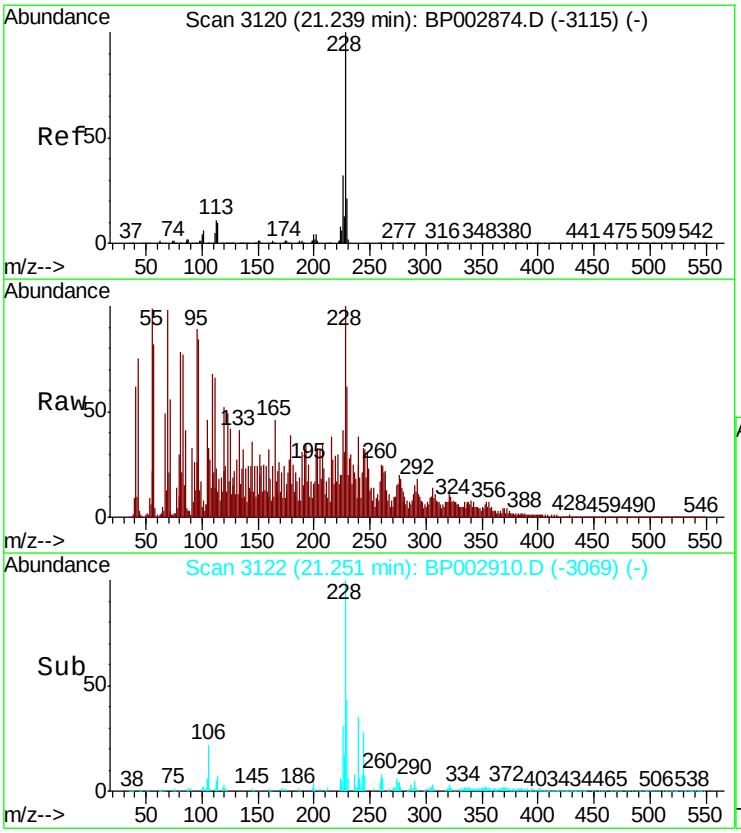
#80
Butylbenzylphthalate
Concen: 4.388 ng
RT: 20.36 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion:149 Resp: 30894

Ion	Ratio	Lower	Upper
149	100		
91	134.5	60.5	90.7#
206	78.0	17.5	26.3#

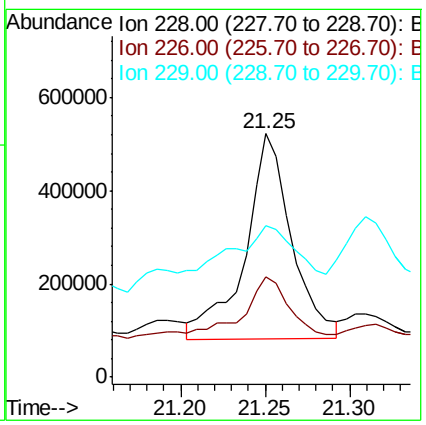


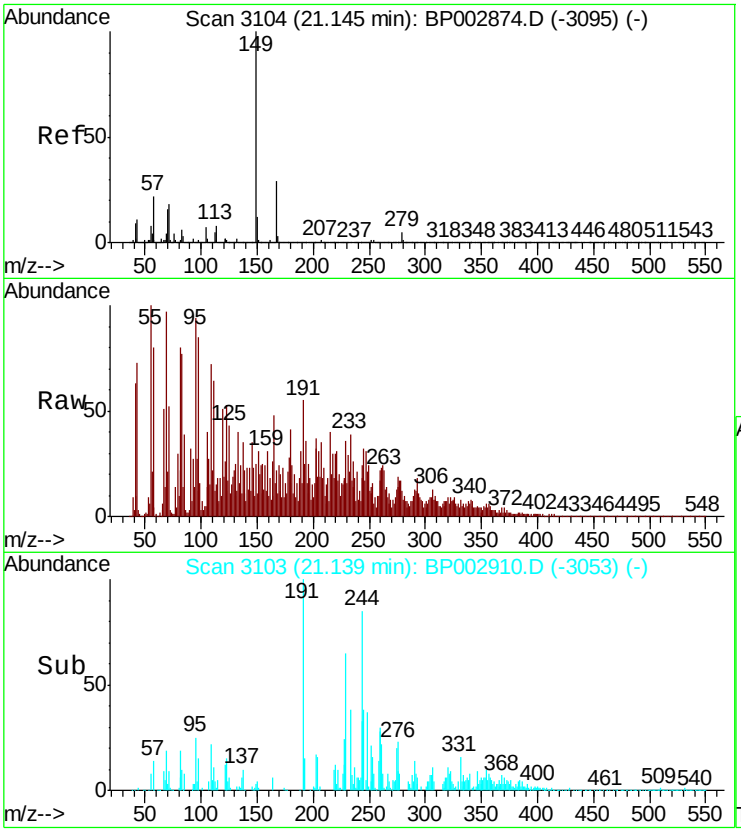


#83
Chrysene
Concen: 17.077 ng
RT: 21.25 min Scan# 3122
Delta R.T. 0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:228 Resp: 840148

Ion	Ratio	Lower	Upper
228	100		
226	41.0	25.5	38.3#
229	62.0	16.7	25.1#



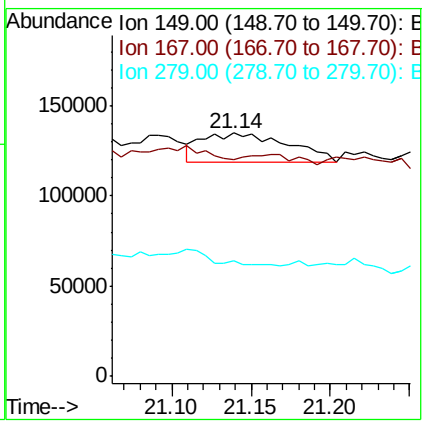


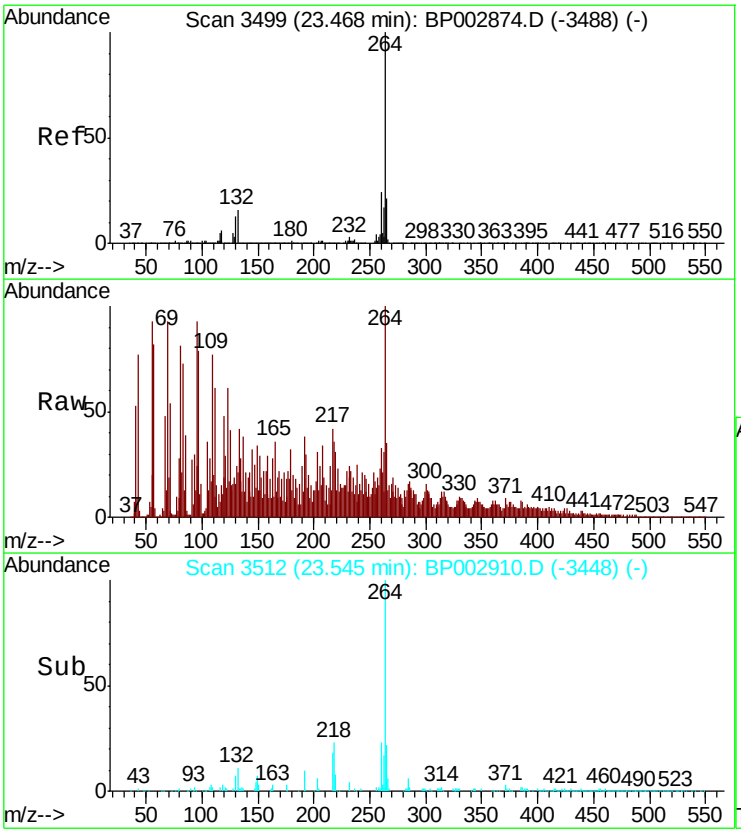
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.027 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion:149 Resp: 60047

Ion	Ratio	Lower	Upper
149	100		
167	89.0	23.4	35.2#
279	47.5	4.0	6.0#

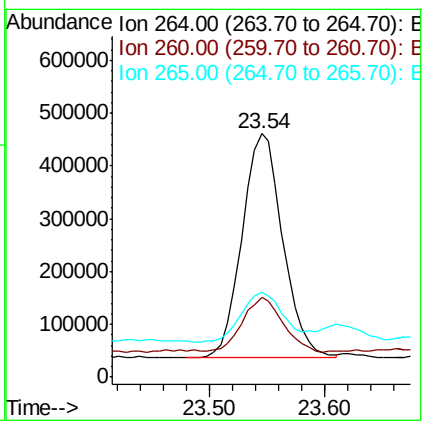


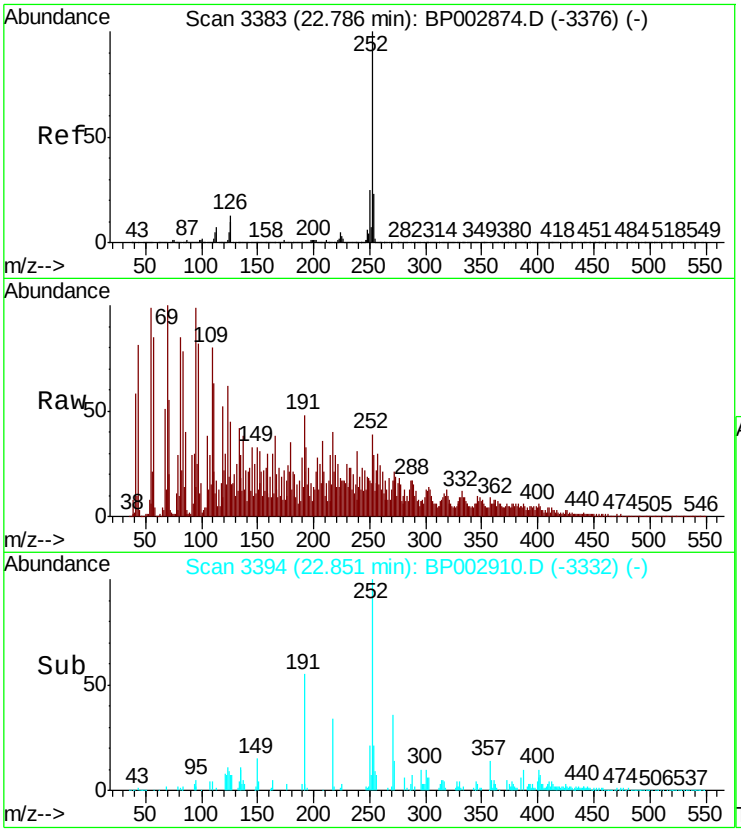


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3512
Delta R.T. 0.08 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:264 Resp: 1049786

Ion	Ratio	Lower	Upper
264	100		
260	32.7	19.0	28.6#
265	34.7	17.0	25.4#



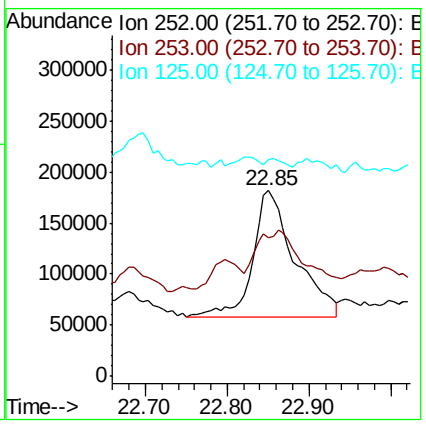


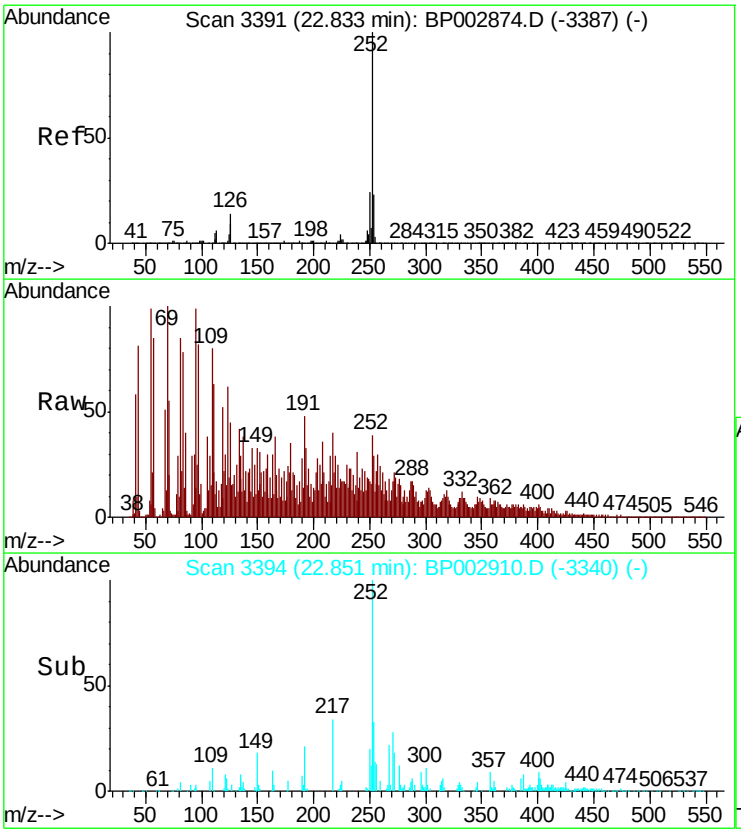
#88
Benzo(b)fluoranthene
Concen: 5.939 ng
RT: 22.85 min Scan# 3394
Delta R.T. 0.06 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion:252 Resp: 439975

Ion	Ratio	Lower	Upper
252	100		
253	74.7	18.3	27.5#
125	116.7	7.8	11.8#

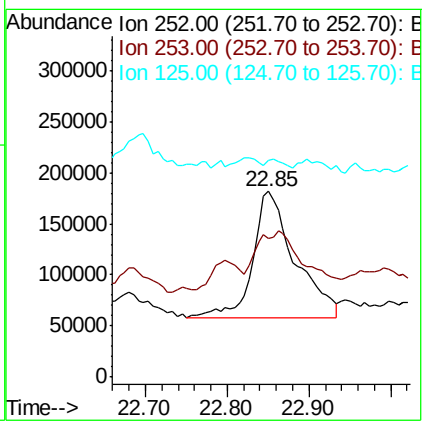


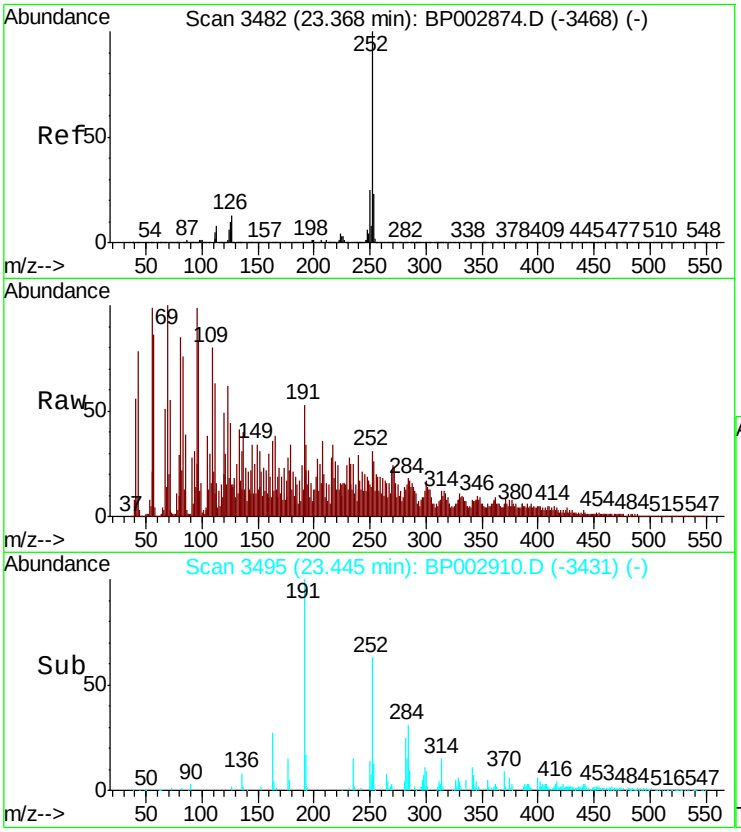


#89
Benzo(k)fluoranthene
Concen: 6.284 ng
RT: 22.85 min Scan# 3394
Delta R.T. 0.02 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:252 Resp: 439975

Ion	Ratio	Lower	Upper
252	100		
253	74.7	18.1	27.1#
125	116.7	7.5	11.3#



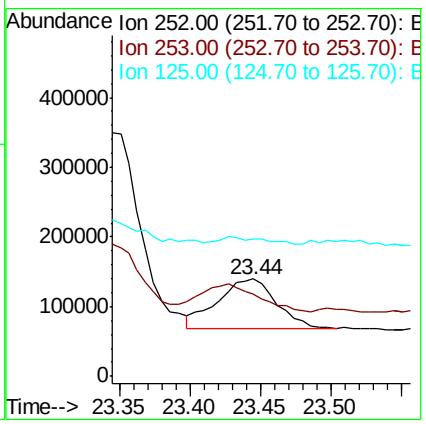


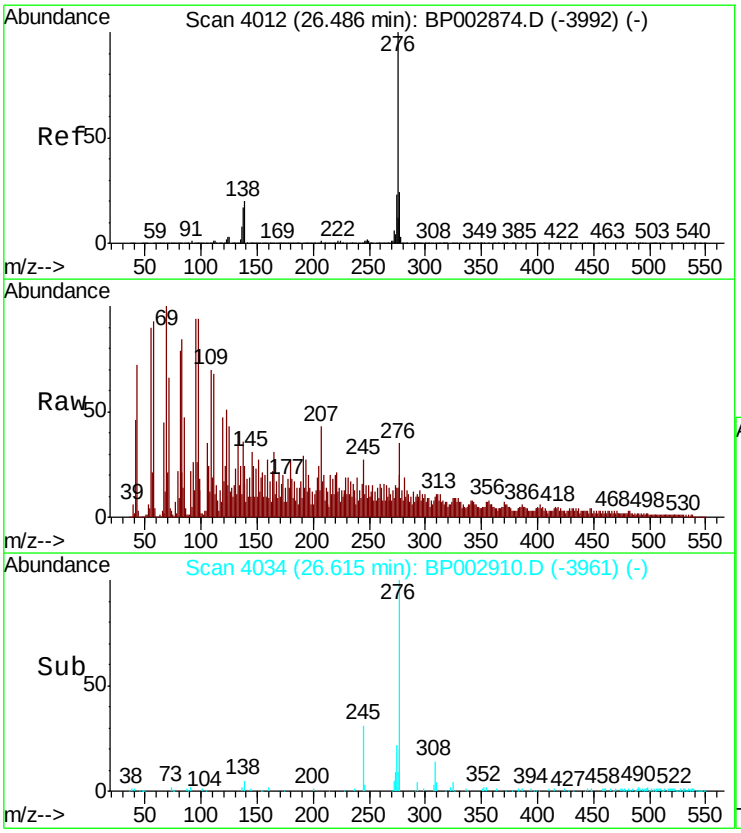
#90
Benzo(a)pyrene
Concen: 3.039 ng
RT: 23.44 min Scan# 3495
Delta R.T. 0.08 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tgt Ion:252 Resp: 203410

Ion	Ratio	Lower	Upper
252	100		
253	84.2	18.0	27.0#
125	141.4	8.3	12.5#





#92
Benzo(g,h,i)perylene
Concen: 4.456 ng
RT: 26.62 min Scan# 4034
Delta R.T. 0.13 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion:276 Resp: 308341

Ion	Ratio	Lower	Upper
276	100		
277	55.6	19.3	28.9#
138	46.4	16.2	24.2#