Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102119\
Data File : BP000931.D
Acq On : 21 Oct 2019 13:12
Operator : JU
Sample : K5308-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 21 14:02:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 22:14:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	119966	20.00	ng/ul	0.00
18) Naphthalene-d8	8.02	136	446611	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.79	164	256611	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	500056	20.00	ng/ul	0.00
78) Chrysene-d12	13.96	240	466702	20.00	ng/ul	0.00
86) Perylene-d12	15.44	264	509997	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.34	96	18321	6.34	ng/uL	0.00
5) Phenol-d5	6.39	99	319036	34.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.42	67	158134	34.18	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	281304	36.08	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	254688	36.02	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	132811	39.12	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	150194	41.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	262517	37.94	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	190260	24.73	ng/ul	0.00
44) Dimethylphthalate-d6	9.48	166	727597	40.50	ng/ul	0.00
47) Acenaphthylene-d8	9.63	160	843746	38.18	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	109885	39.71	ng/ul	0.00
58) Fluorene-d10	10.31	176	597355	38.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	85564	35.93	ng/ul	0.00
71) Anthracene-d10	11.35	188	891887	38.51	ng/ul	0.00
79) Pyrene-d10	12.73	212	974749	36.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.35	264	1020897	40.55	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.40	94	292567	31.361	ng/ul	98
11) 2-Methylphenol	7.00	108	267013	36.864	ng/ul	98
15) N-Nitroso-di-n-propylamine	7.13	70	5203	1.107	ng/ul#	1
45) Dimethylphthalate	9.50	163	21930	1.225	ng/ul	99
48) Acenaphthylene	9.65	152	503334	22.075	ng/ul	99
50) Acenaphthene	9.82	153	355512	22.525	ng/ul	98
54) Dibenzofuran	9.99	168	587798	26.759	ng/ul	99
57) Diethylphthalate	10.21	149	638178	36.919	ng/ul	98
59) Fluorene	10.34	166	387657	22.710	ng/ul	100
61) 4-Nitroaniline	10.34	138	4243	1.003	ng/ul#	26
65) N-Nitrosodiphenylamine	10.45	169	652208	40.891	ng/ul	99
68) Atrazine	11.00	200	345273	63.783	ng/ul	97
69) Pentachlorophenol	11.10	266	189574	78.567	ng/ul	98
70) Phenanthrene	11.36	178	409816	15.038	ng/ul	99
72) Anthracene	11.36	178	409816	14.818	ng/ul	99
76) Di-n-butylphthalate	11.86	149	810644	28.627	ng/ul	100
81) Butylbenzylphthalate	13.37	149	474188	35.043	ng/ul	99
87) Di-n-octyl phthalate	14.57	149	1016070	34.750	ng/ul	100
88) Benzo(b)fluoranthene	15.04	252	1005904	33.058	ng/ul	99
89) Benzo(k)fluoranthene	15.04	252	1005904	34.714	ng/ul	99
91) Benzo(a)pyrene	15.38	252	977119	33.916	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	16.92	276	1264094	38.278	ng/ul	96
93) Dibenzo(a,h)anthracene	16.92	278	651766	24.077	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102119\
Data File : BP000931.D
Acq On : 21 Oct 2019 13:12
Operator : JU
Sample : K5308-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 21 14:02:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 22:14:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	17.36	276	1065840	38.764	ng/ul	96

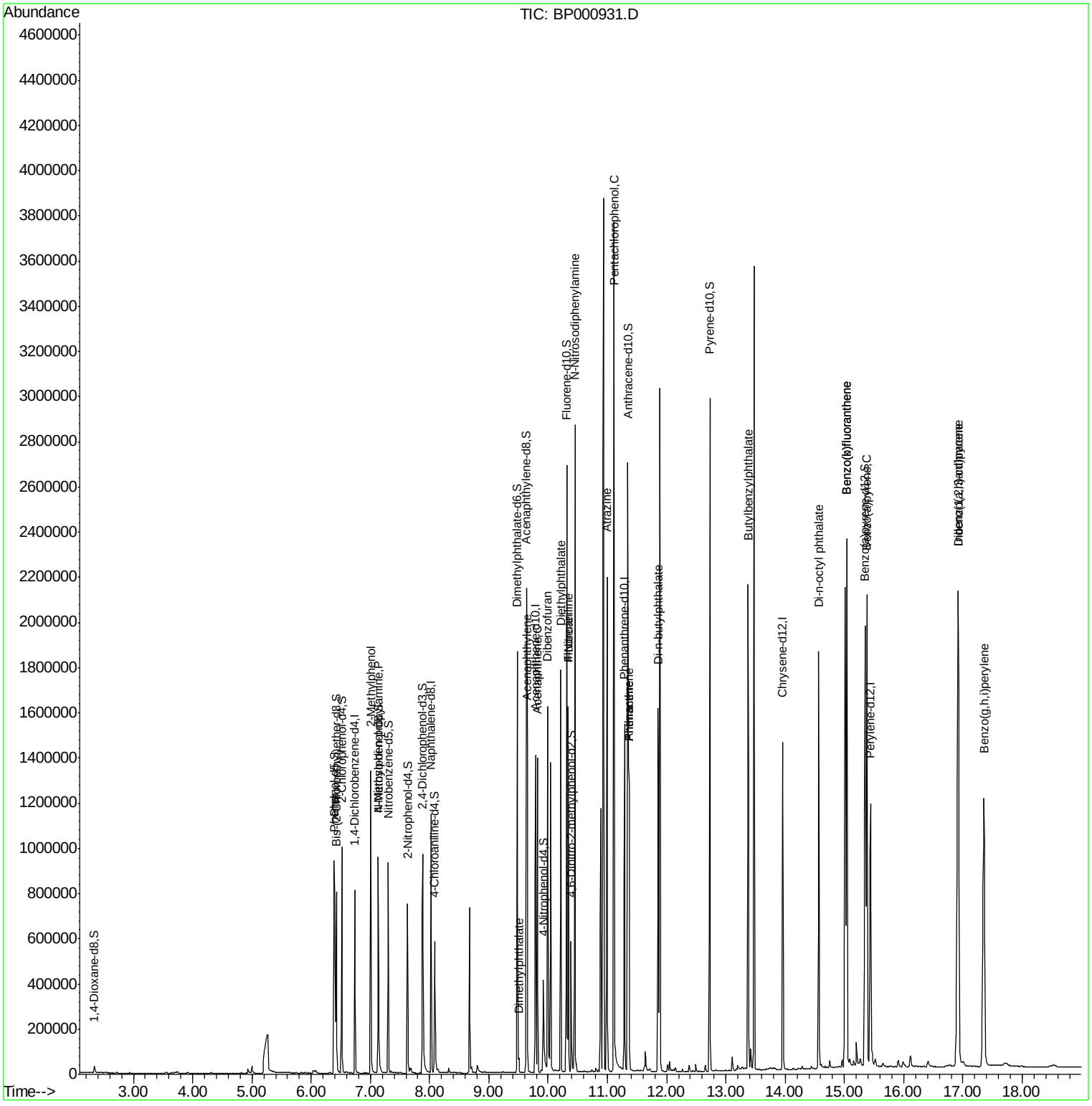
(#) = qualifier out of range (m) = manual integration (+) = signals summed

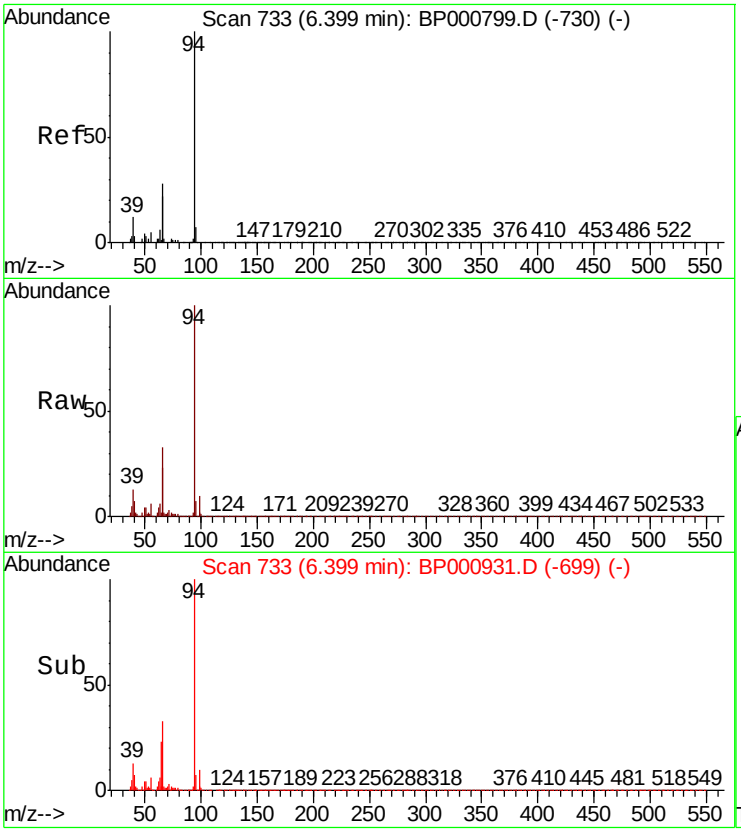
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102119\
Data File : BP000931.D
Acq On : 21 Oct 2019 13:12
Operator : JU
Sample : K5308-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 21 14:02:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 22:14:11 2019
Response via : Initial Calibration



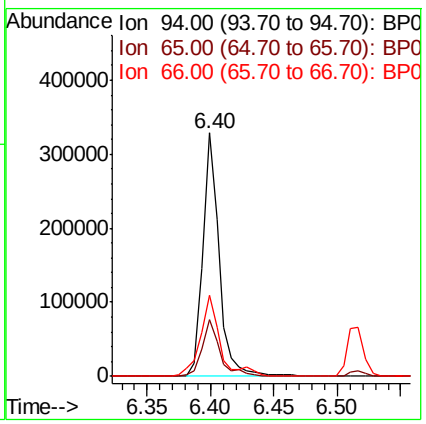


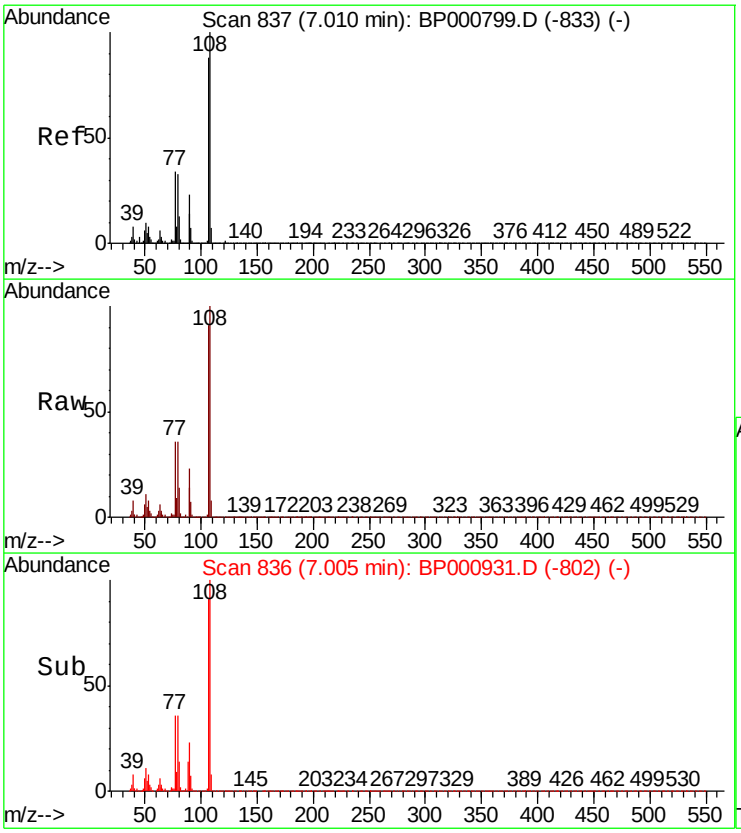
#6
Phenol
Concen: 31.361 ng/ul
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 292567

Ion	Ratio	Lower	Upper
94	100		
65	23.2	19.2	28.8
66	33.2	25.7	38.5

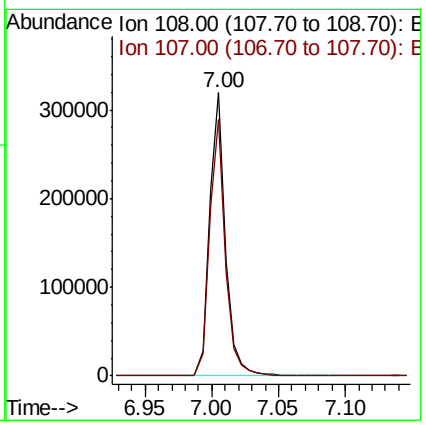


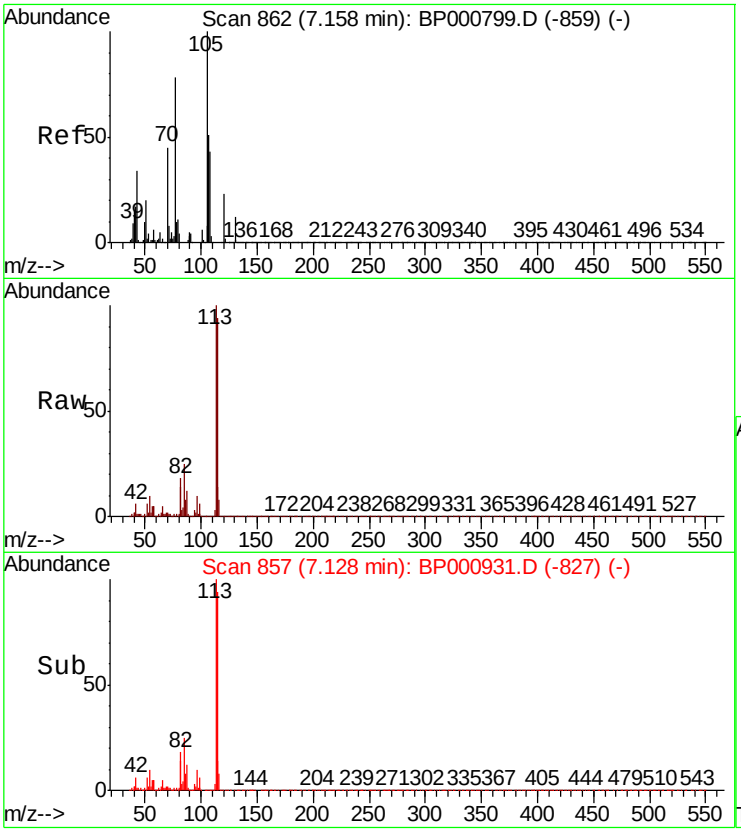


#11
2-Methylphenol
Concen: 36.864 ng/ul
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Tgt Ion:108 Resp: 267013

Ion	Ratio	Lower	Upper
108	100		
107	90.6	71.1	106.7



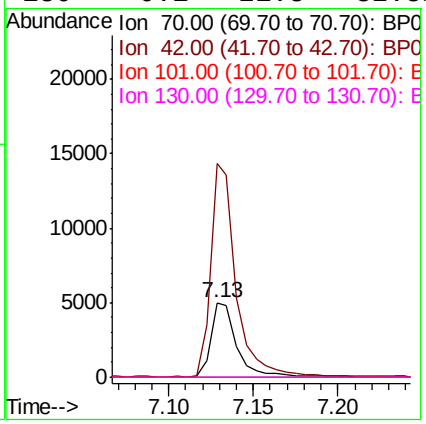


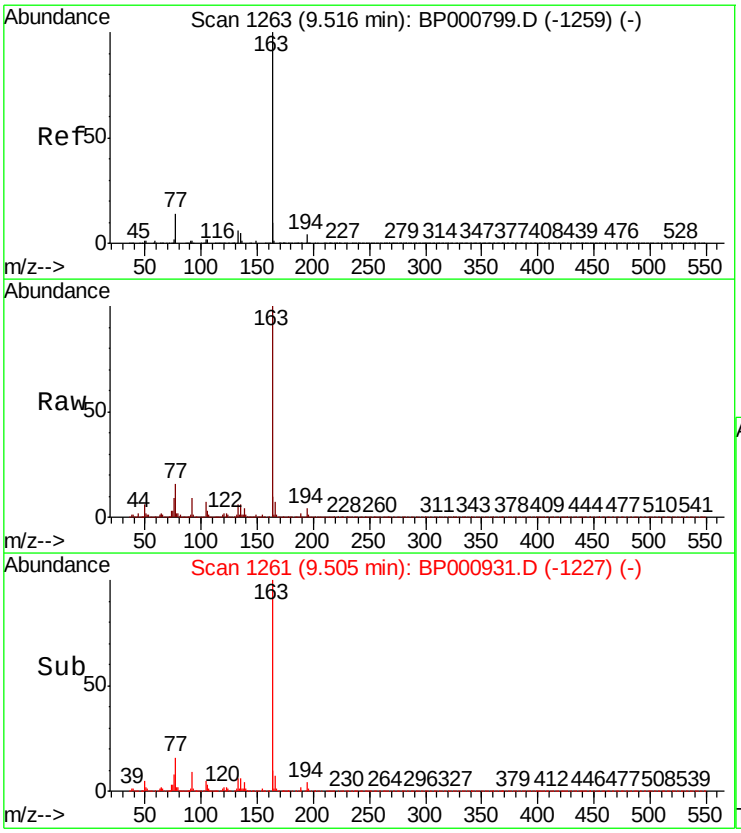
#15
N-Nitroso-di-n-propylamine
Concen: 1.107 ng/ul
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 5203

Ion	Ratio	Lower	Upper
70	100		
42	287.4	33.5	50.3#
101	0.5	9.6	14.4#
130	0.1	21.8	32.8#

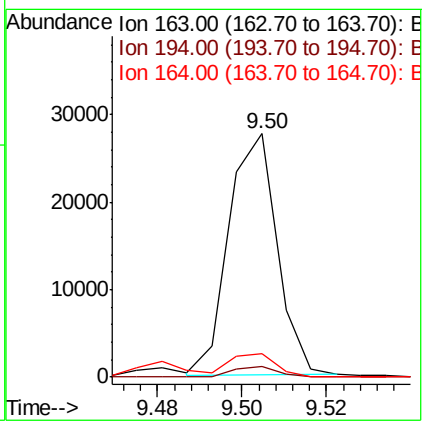


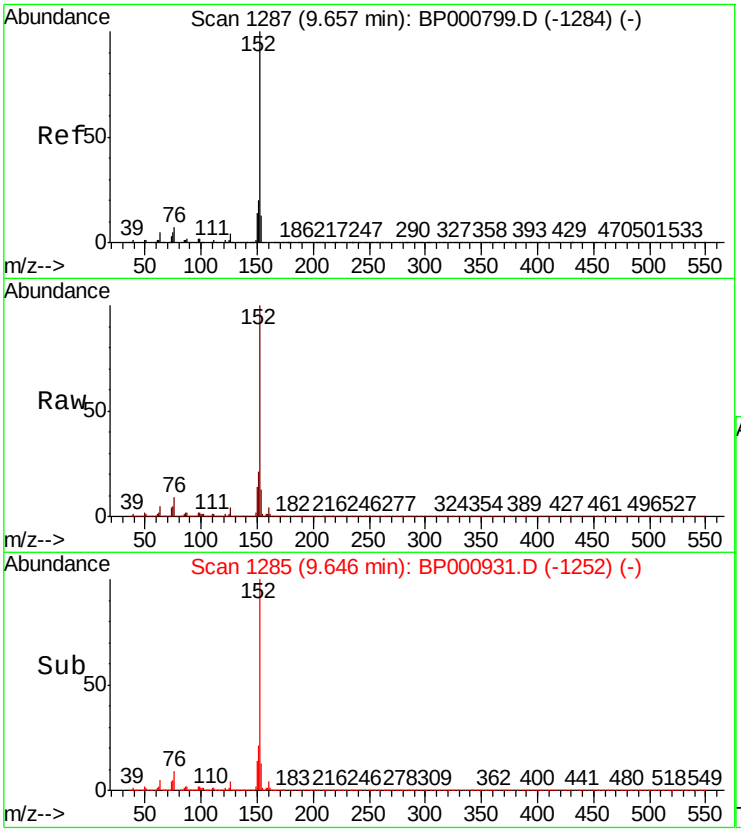


#45
Dimethylphthalate
Concen: 1.225 ng/ul
RT: 9.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Tgt Ion:163 Resp: 21930

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.6	8.1	12.1



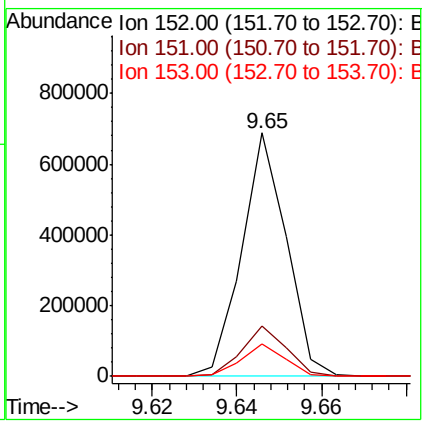


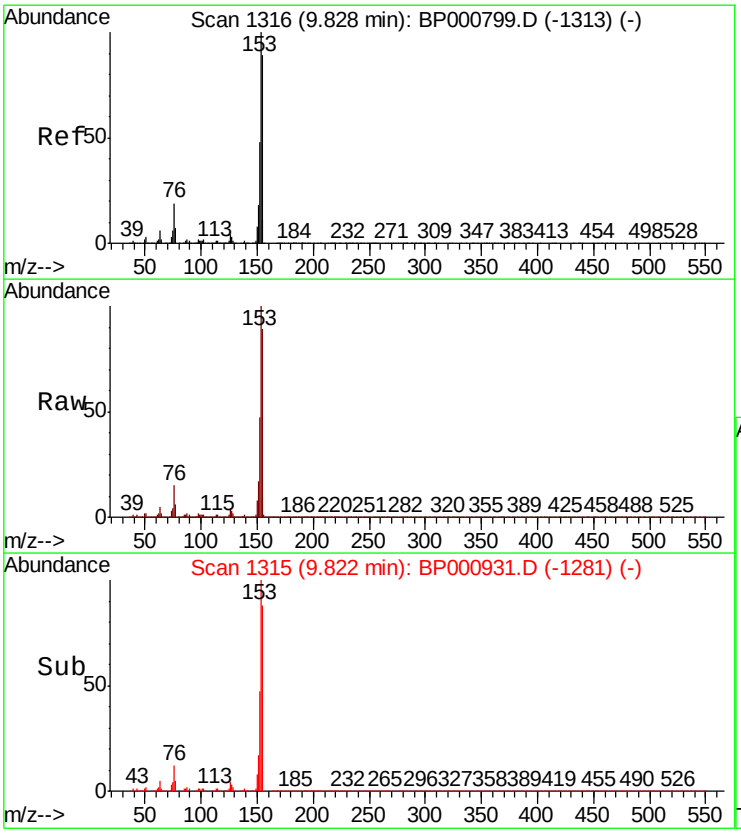
#48
Acenaphthylene
Concen: 22.075 ng/ul
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 503334

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.4	10.9	16.3

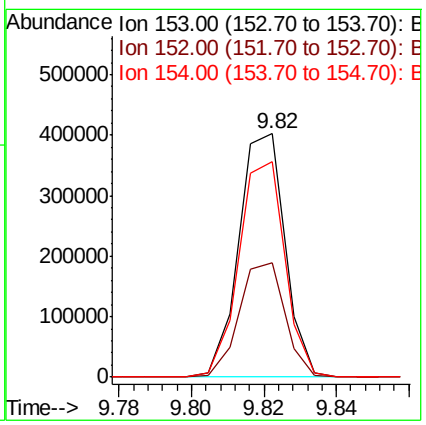


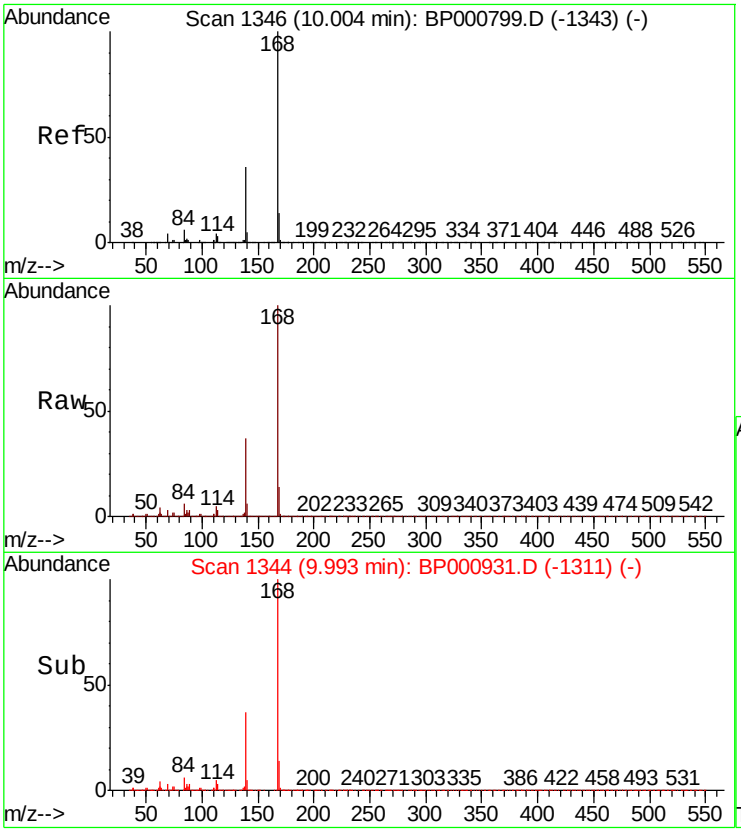


#50
Acenaphthene
Concen: 22.525 ng/ul
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Tgt Ion:153 Resp: 355512

Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.6	57.8
154	88.5	71.9	107.9



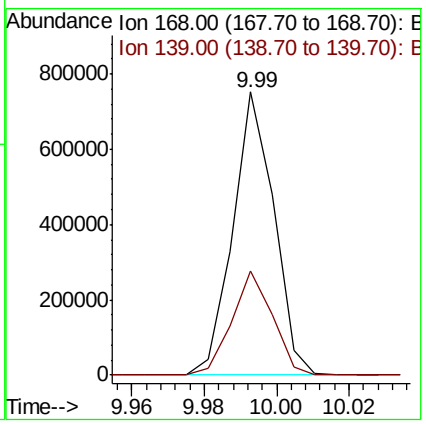


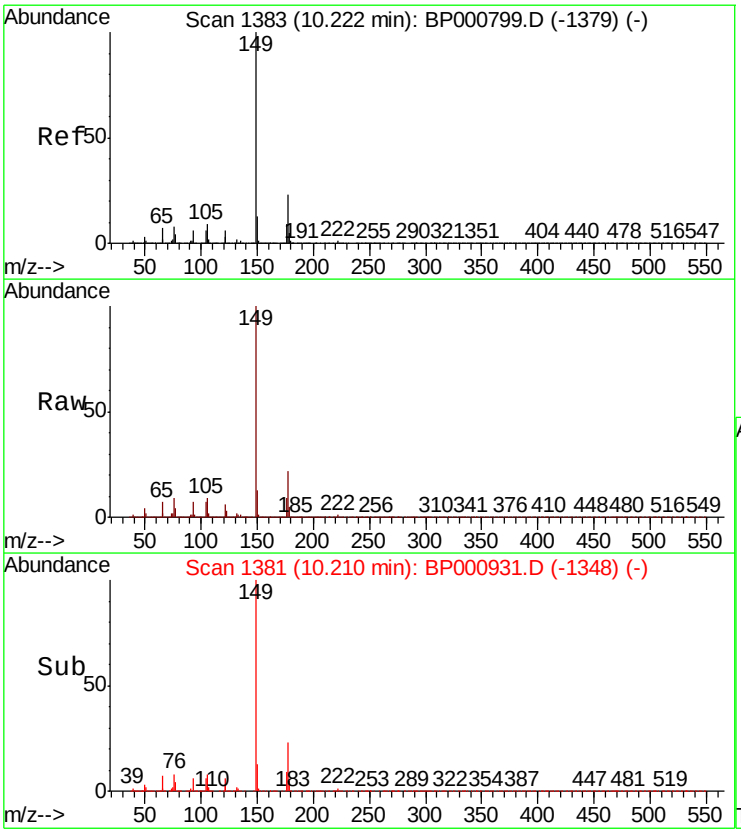
#54
Dibenzofuran
Concen: 26.759 ng/ul
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:168 Resp: 587798

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.8	44.6

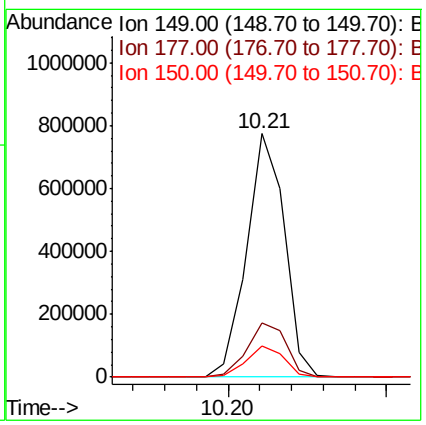


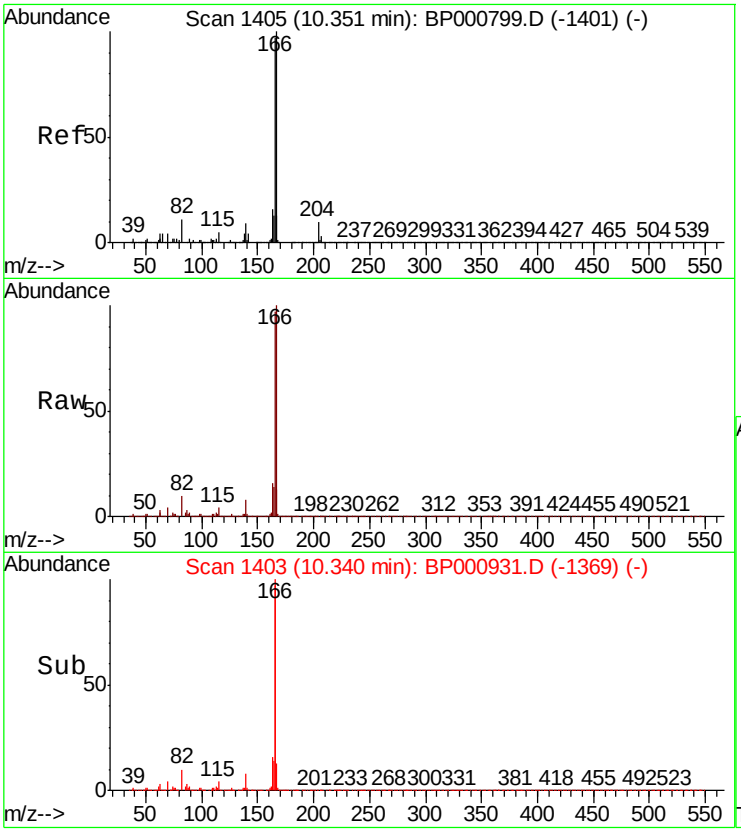


#57
Diethylphthalate
Concen: 36.919 ng/ul
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Tgt Ion:149 Resp: 638178

Ion	Ratio	Lower	Upper
149	100		
177	22.5	19.0	28.4
150	12.8	9.8	14.8



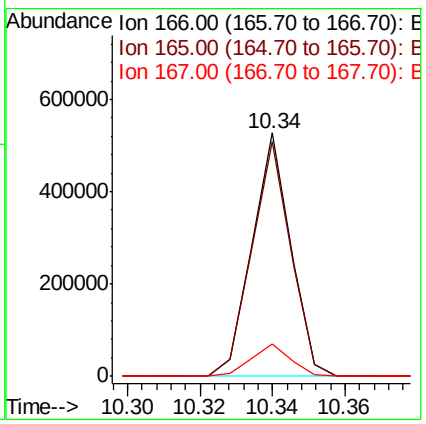


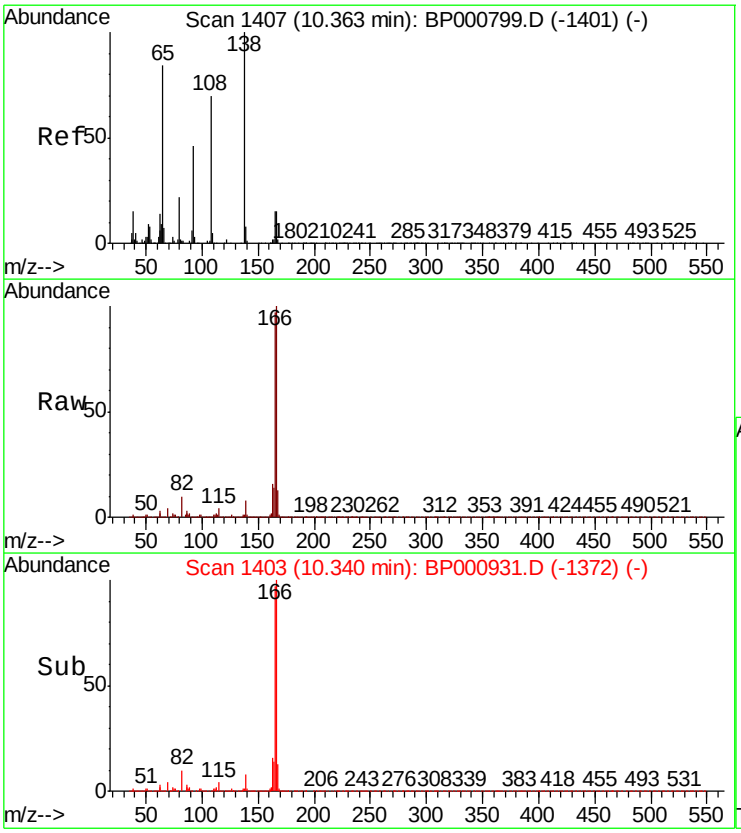
#59
Fluorene
Concen: 22.710 ng/ul
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 387657

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.4	116.0
167	13.2	10.8	16.2

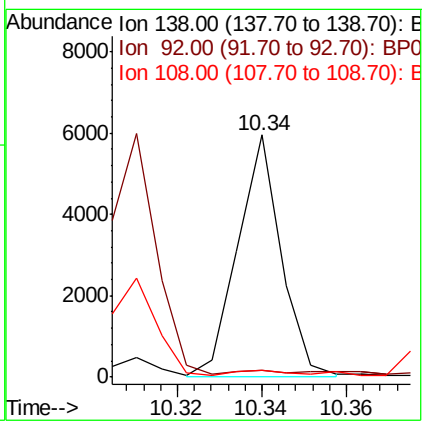


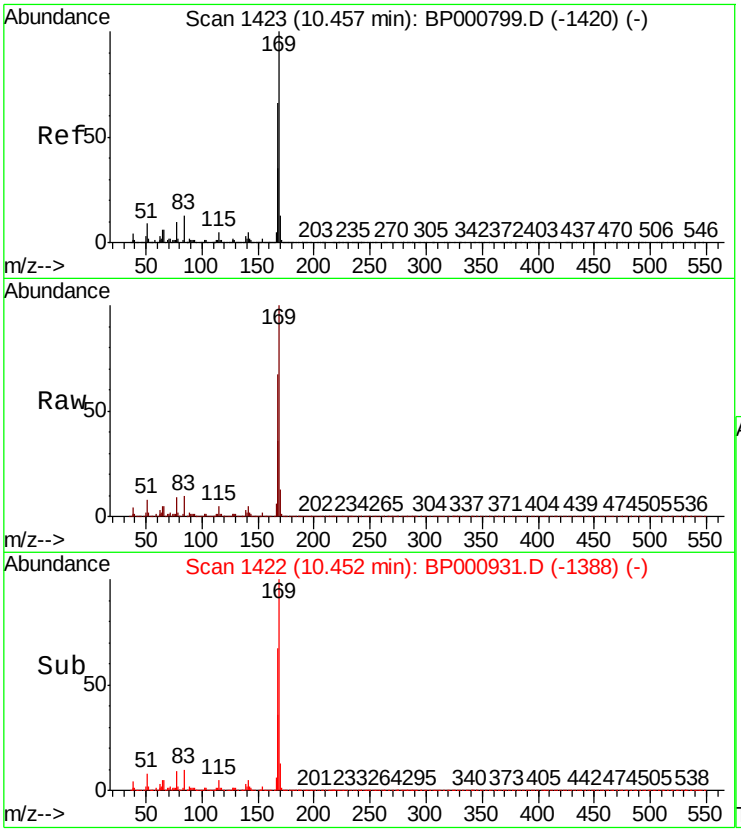


#61
4-Nitroaniline
Concen: 1.003 ng/ul
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Tgt Ion:138 Resp: 4243

Ion	Ratio	Lower	Upper
138	100		
92	2.9	36.2	54.4#
108	2.8	54.5	81.7#



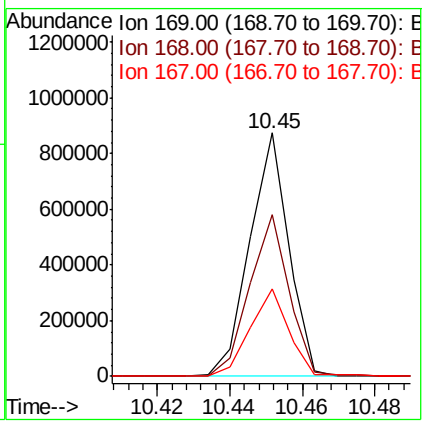


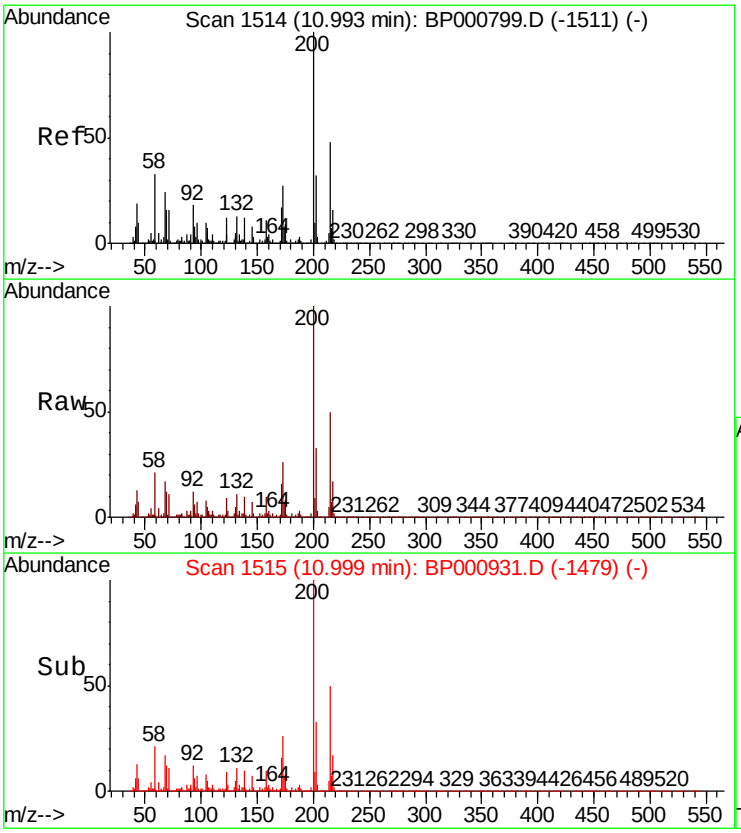
#65
N-Nitrosodiphenylamine
Concen: 40.891 ng/ul
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:169 Resp: 652208

Ion	Ratio	Lower	Upper
169	100		
168	66.6	52.4	78.6
167	36.1	28.6	42.8

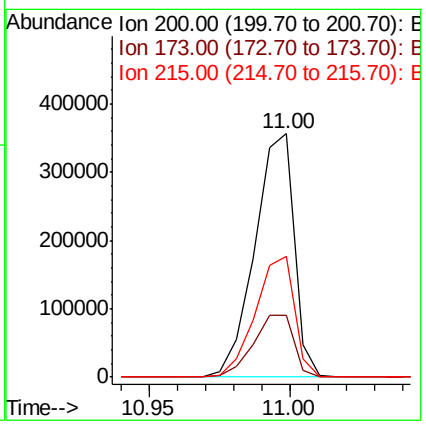


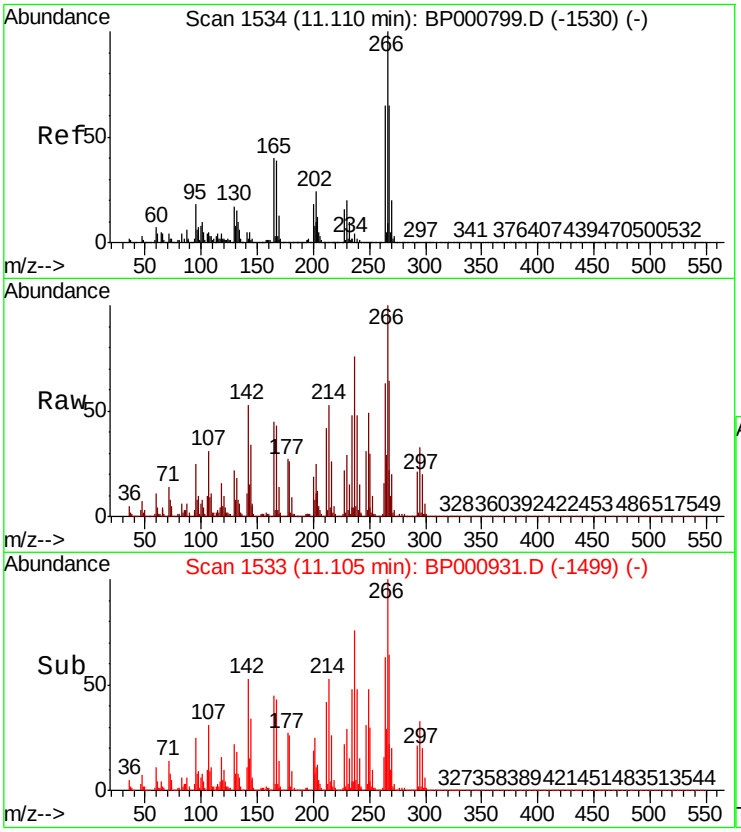


#68
Atrazine
Concen: 63.783 ng/ul
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Tgt Ion:200 Resp: 345273

Ion	Ratio	Lower	Upper
200	100		
173	25.6	22.0	33.0
215	49.5	38.5	57.7



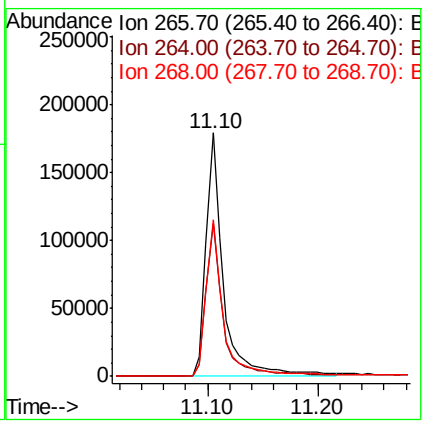


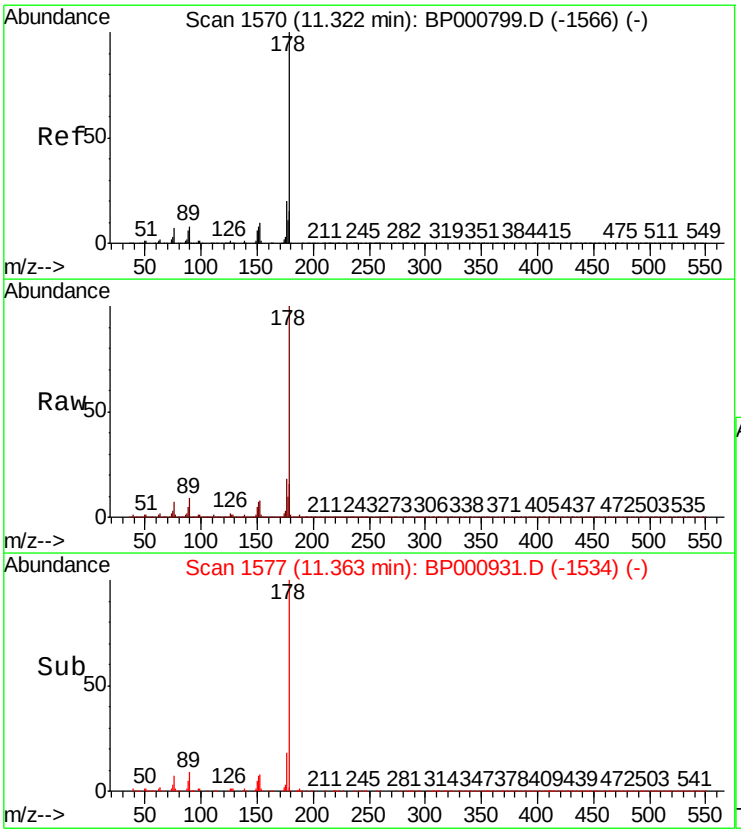
#69
Pentachlorophenol
Concen: 78.567 ng/ul
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:266 Resp: 189574

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.6	74.4
268	64.4	49.6	74.4

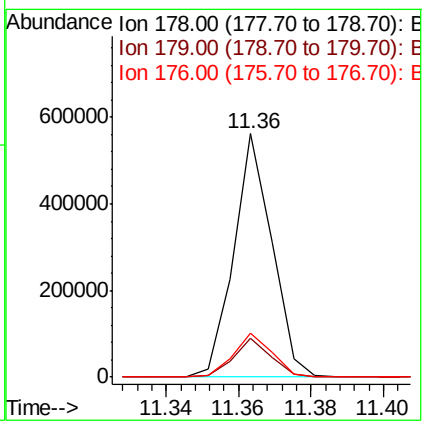


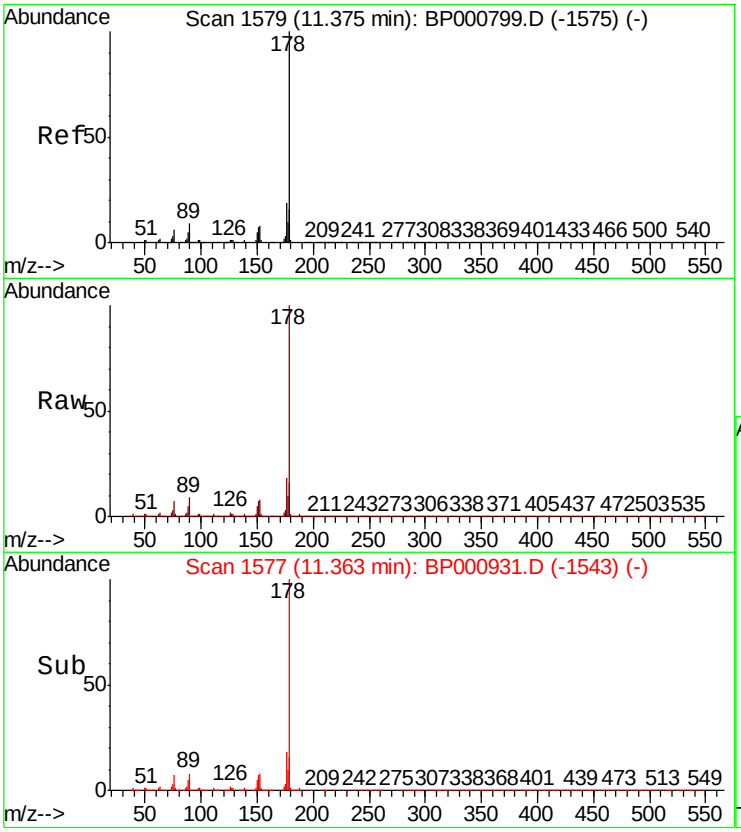


#70
Phenanthrene
Concen: 15.038 ng/ul
RT: 11.36 min Scan# 1577
Delta R.T. 0.05 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Tgt Ion:178 Resp: 409816

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	18.3	15.4	23.2



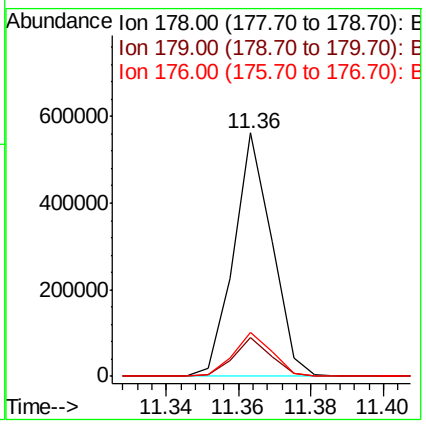


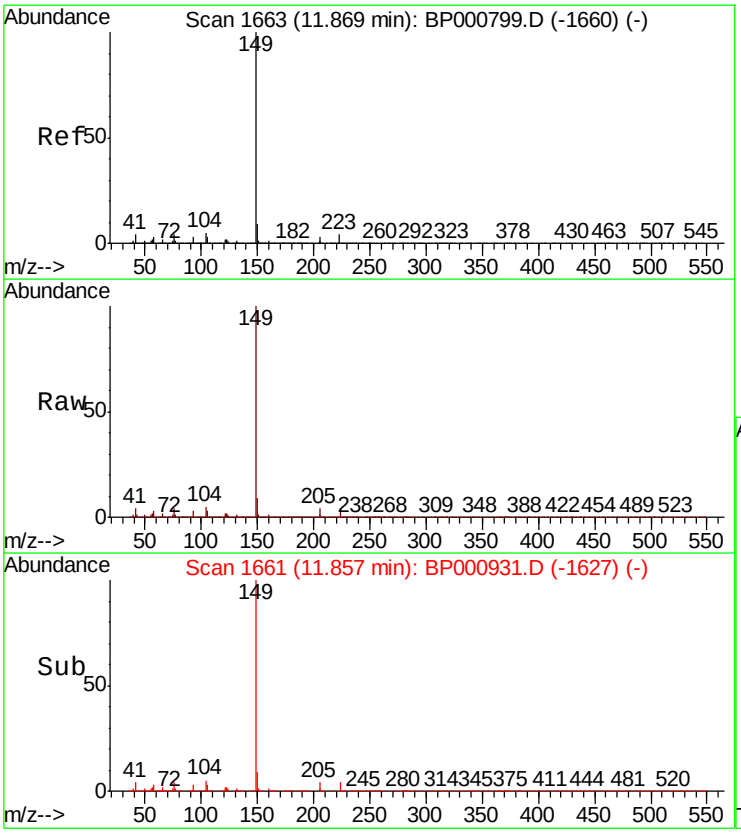
#72
Anthracene
Concen: 14.818 ng/ul
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 409816

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	18.3	15.1	22.7

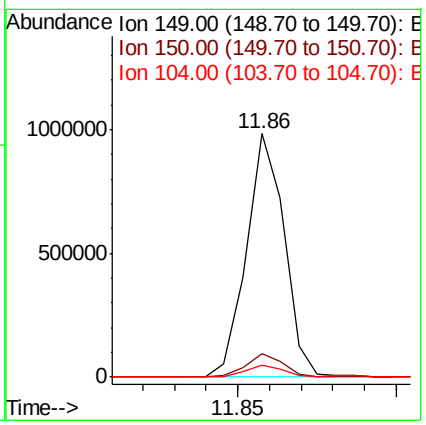


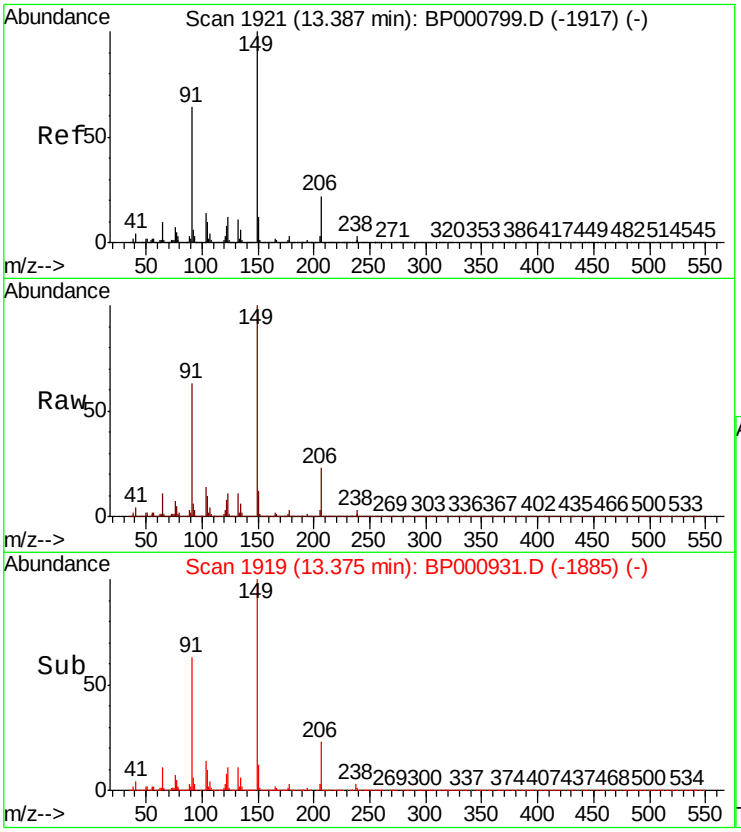


#76
Di-n-butylphthalate
Concen: 28.627 ng/ul
RT: 11.86 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Tgt Ion:149 Resp: 810644

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.8	3.7	5.5



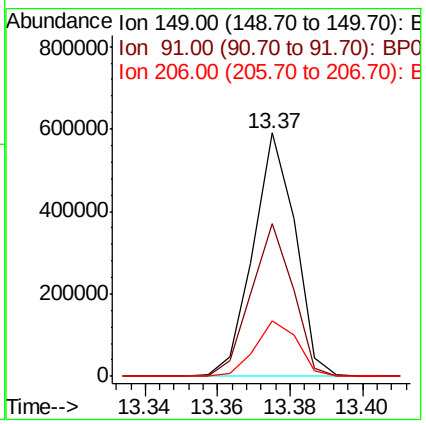


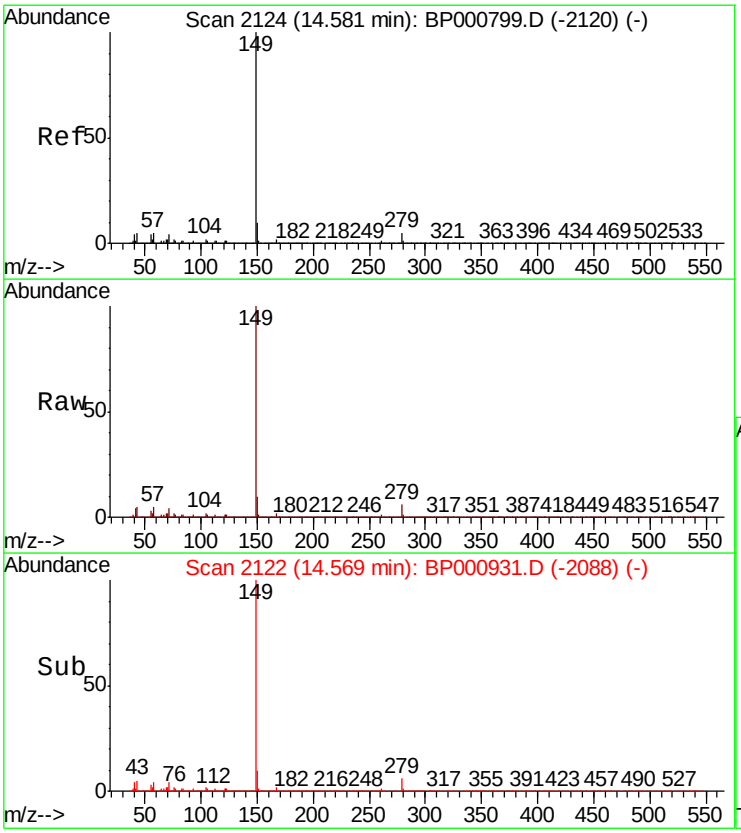
#81
Butylbenzylphthalate
Concen: 35.043 ng/ul
RT: 13.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 474188

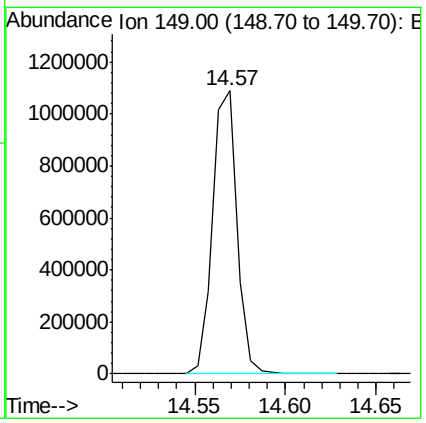
Ion	Ratio	Lower	Upper
149	100		
91	62.9	50.6	75.8
206	22.7	17.8	26.6

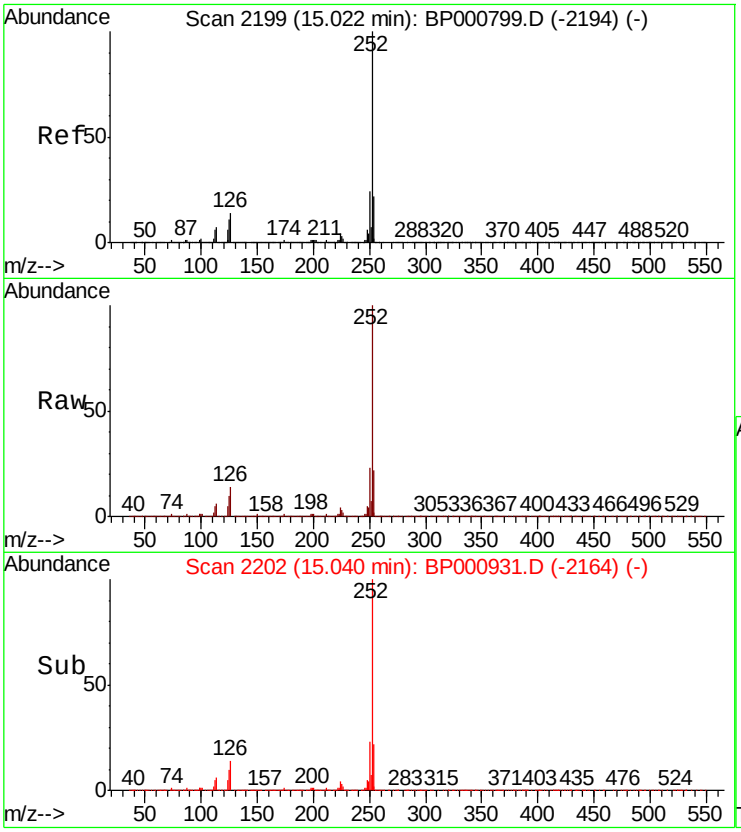




#87
Di-n-octyl phthalate
Concen: 34.750 ng/ul
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Tgt Ion:149 Resp: 1016070



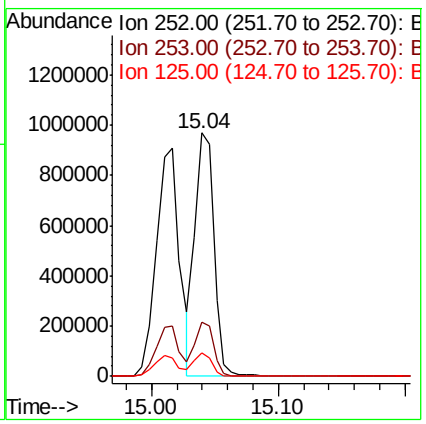


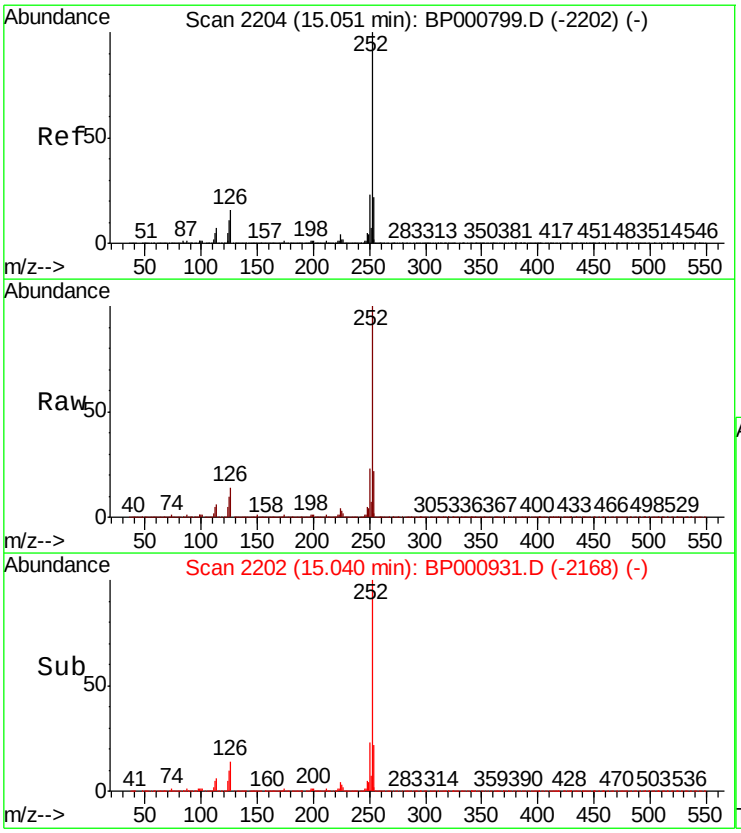
#88
Benzo(b)fluoranthene
Concen: 33.058 ng/ul
RT: 15.04 min Scan# 2202
Delta R.T. 0.02 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 1005904

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.8	8.7	13.1

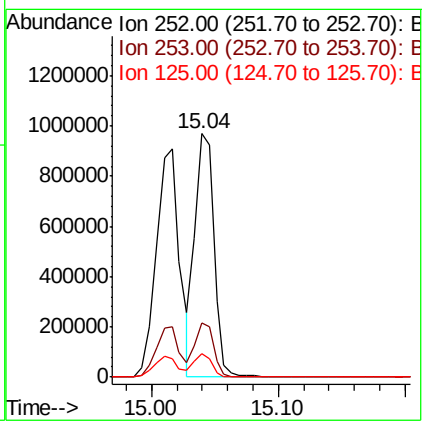


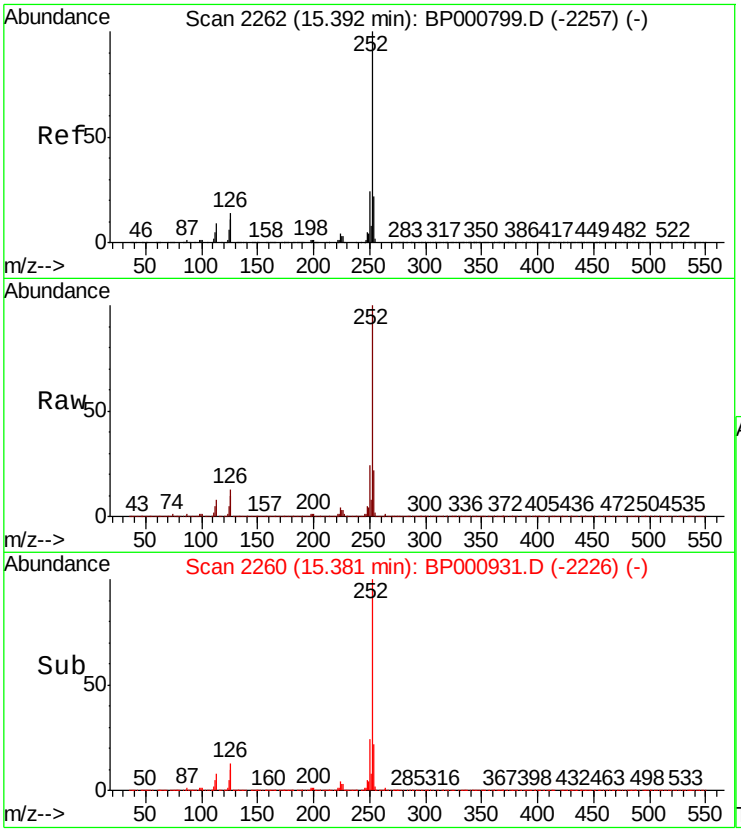


#89
Benzo(k)fluoranthene
Concen: 34.714 ng/ul
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Tgt Ion:252 Resp: 1005904

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.8	8.2	12.4



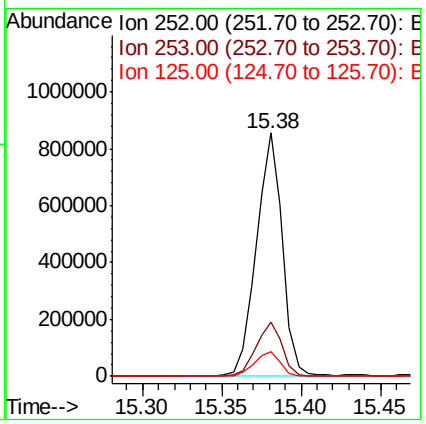


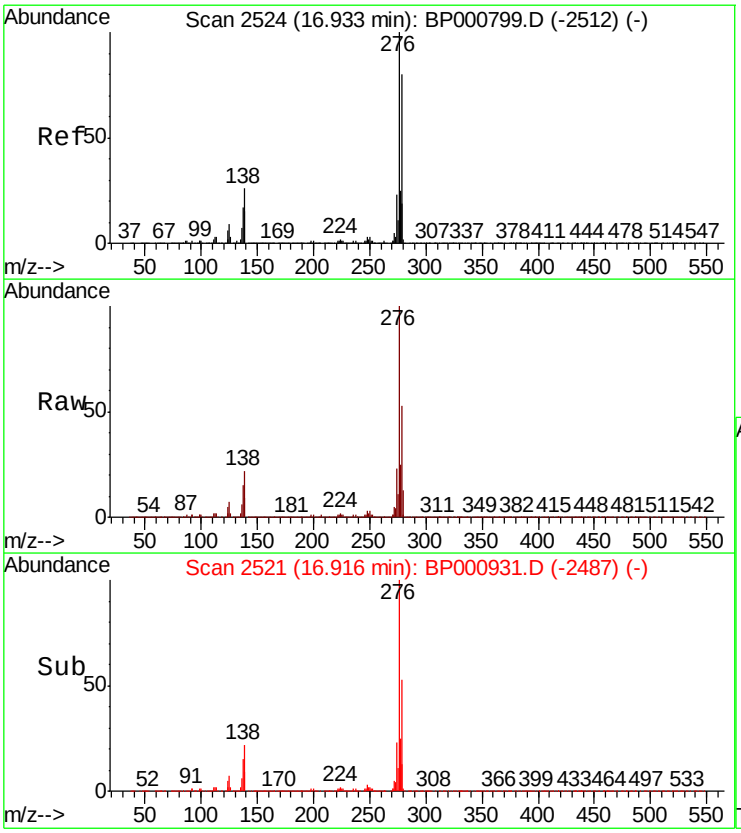
#91
Benzo(a)pyrene
Concen: 33.916 ng/ul
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 977119

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.9	9.7	14.5

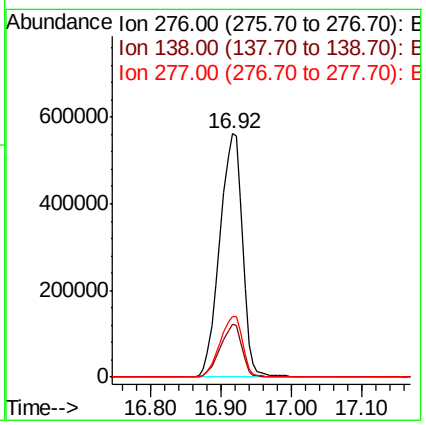


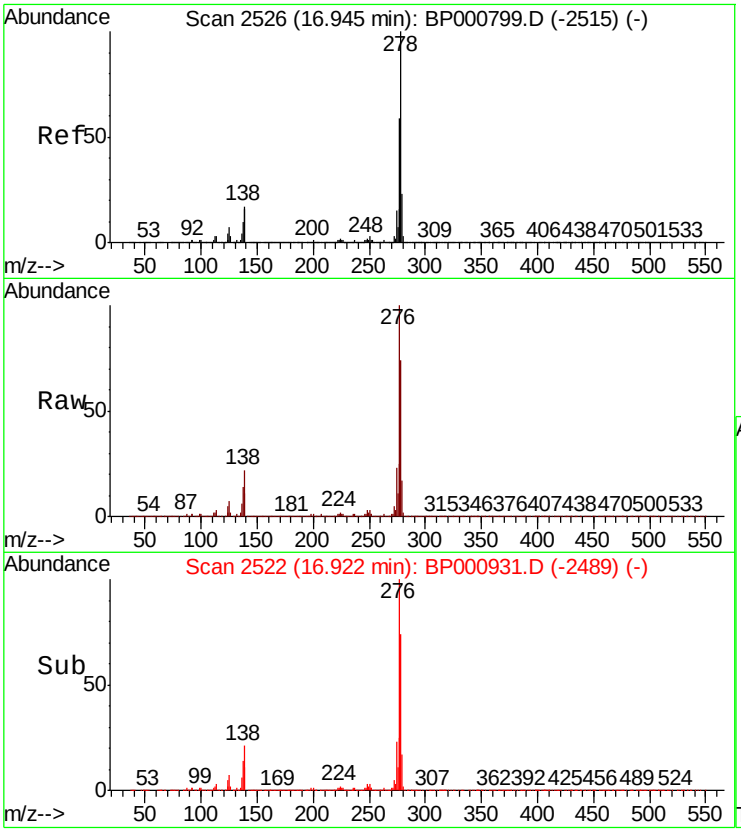


#92
Indeno(1,2,3-cd)pyrene
Concen: 38.278 ng/ul
RT: 16.92 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Tgt Ion:276 Resp: 1264094

Ion	Ratio	Lower	Upper
276	100		
138	21.5	20.0	30.0
277	25.0	19.8	29.8



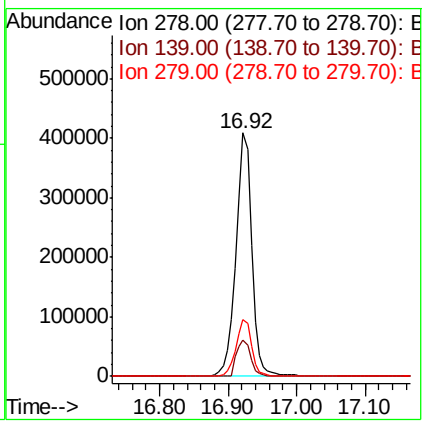


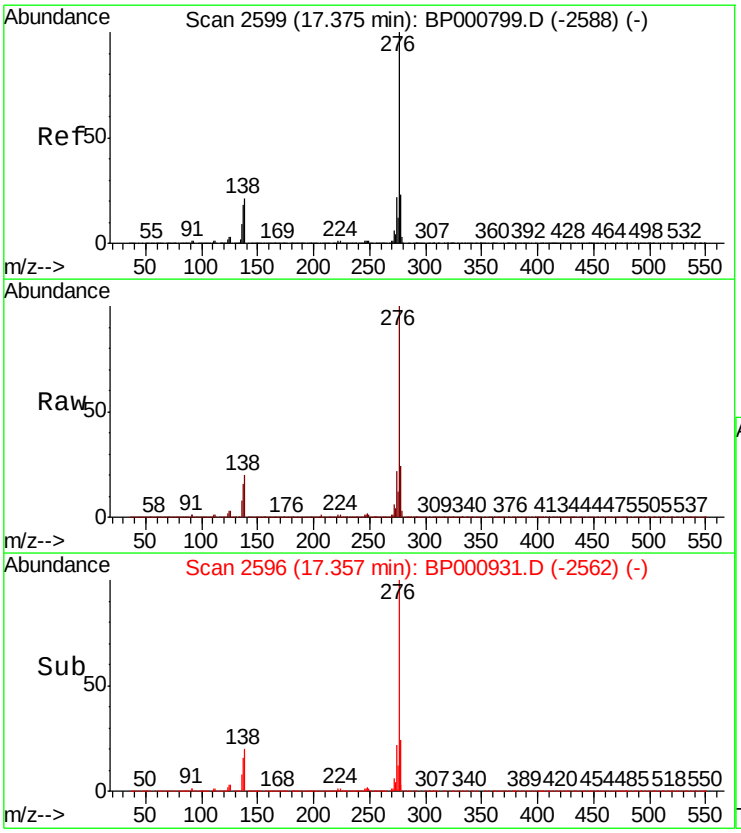
#93
Dibenzo(a,h)anthracene
Concen: 24.077 ng/ul
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 651766

Ion	Ratio	Lower	Upper
278	100		
139	15.0	14.2	21.4
279	23.5	19.2	28.8





#94
Benzo(g,h,i)perylene
Concen: 38.764 ng/ul
RT: 17.36 min Scan# 2596
Delta R.T. 0.00 min
Lab File: BP000931.D
Acq: 21 Oct 2019 13:12

Tgt Ion:276 Resp: 1065840

Ion	Ratio	Lower	Upper
276	100		
138	19.5	18.4	27.6
277	23.7	19.4	29.0