Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000147.D
Acq On : 09 Sep 2019 21:15
Operator : HP/JU
Sample : K4633-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 10 03:38:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	361232	20.00	ng/ul	0.00
18) Naphthalene-d8	8.17	136	1401247	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	792169	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1447070	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1212537	20.00	ng/ul	0.00
86) Perylene-d12	15.68	264	1263196	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.60	96	50383	4.95	ng/uL	0.00
5) Phenol-d5	6.51	99	882941	28.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	470724	29.26	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	717803	28.85	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	458286	19.83	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	344515	32.38	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	363632	35.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	619455	28.18	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	665147	24.47	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1762842	30.14	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2130713	29.48	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	288294	27.58	ng/ul	0.00
58) Fluorene-d10	10.47	176	1505912	30.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	186204	28.00	ng/ul	0.00
71) Anthracene-d10	11.50	188	1867131	26.64	ng/ul	0.00
79) Pyrene-d10	12.90	212	2272065	31.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.58	264	2047663	31.27	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.53	94	968507	30.203	ng/ul	96
10) 2-Chlorophenol	6.67	128	691378	26.321	ng/ul	96
15) N-Nitroso-di-n-propylamine	7.30	70	485413	29.800	ng/ul	95
33) 4-Chloro-3-methylphenol	8.72	107	575525	25.731	ng/ul	98
45) Dimethylphthalate	9.65	163	734981	12.452	ng/ul	100
50) Acenaphthene	9.98	153	1491900	28.509	ng/ul	99
53) 4-Nitrophenol	10.04	109	213493	27.444	ng/ul	95
55) 2,4-Dinitrotoluene	10.12	165	465757	30.296	ng/ul#	95
69) Pentachlorophenol	11.25	266	267330	26.685	ng/ul	98
70) Phenanthrene	11.47	178	815686	9.532	ng/ul	100
72) Anthracene	11.52	178	118616	1.409	ng/ul	100
75) Carbazole	11.67	167	115348	1.602	ng/ul	99
77) Fluoranthene	12.68	202	1727200	20.011	ng/ul	100
80) Pyrene	12.92	202	3805117	41.595	ng/ul	99
83) Benzo(a)anthracene	14.13	228	860319	9.802	ng/ul	97
85) Chrysene	14.16	228	947769	11.767	ng/ul	98
88) Benzo(b)fluoranthene	15.22	252	1526966	18.239	ng/ul	99
89) Benzo(k)fluoranthene	15.22	252	1526966	19.348	ng/ul	99
91) Benzo(a)pyrene	15.61	252	888369	11.309	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	17.23	276	756772	8.374	ng/ul	99
93) Dibenzo(a,h)anthracene	17.24	278	205238	2.742	ng/ul	98
94) Benzo(g,h,i)perylene	17.70	276	665740	8.836	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000147.D
Acq On : 09 Sep 2019 21:15
Operator : HP/JU
Sample : K4633-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 10 03:38:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

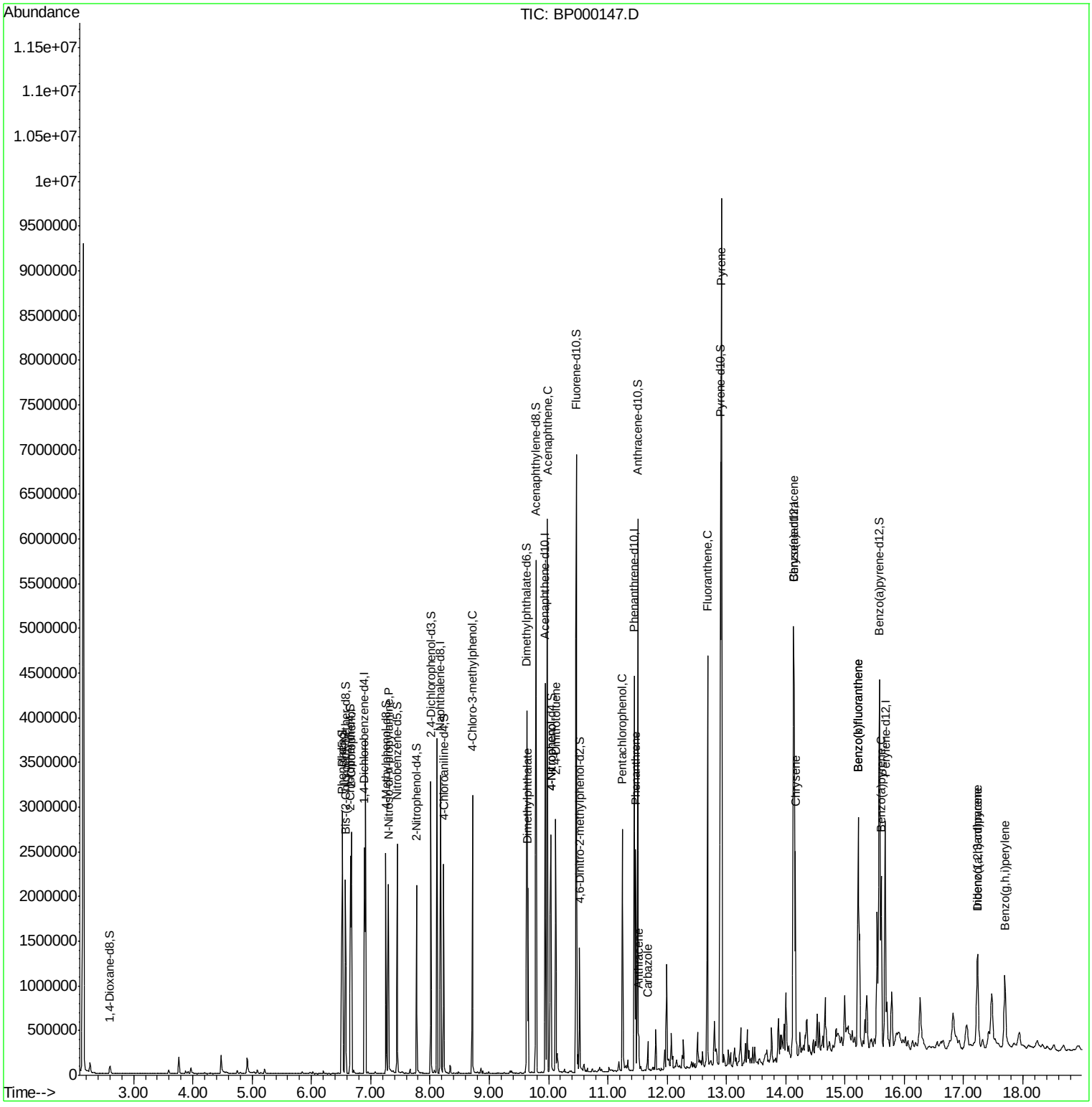
(#) = qualifier out of range (m) = manual integration (+) = signals summed

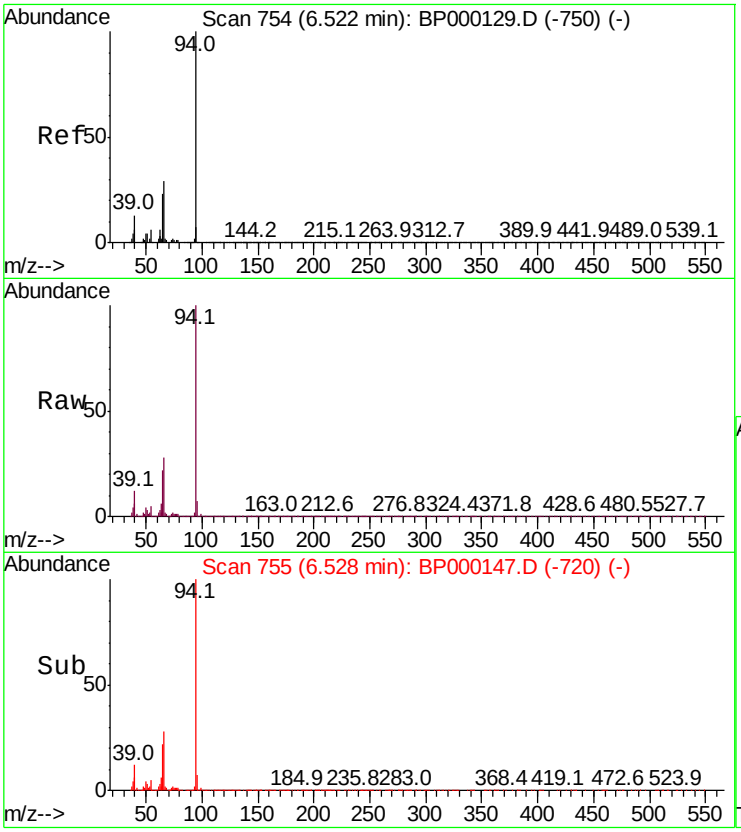
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000147.D
Acq On : 09 Sep 2019 21:15
Operator : HP/JU
Sample : K4633-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 10 03:38:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



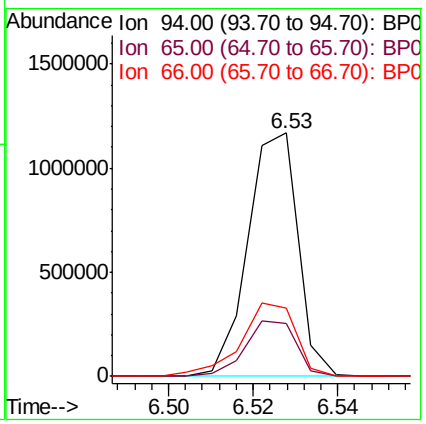


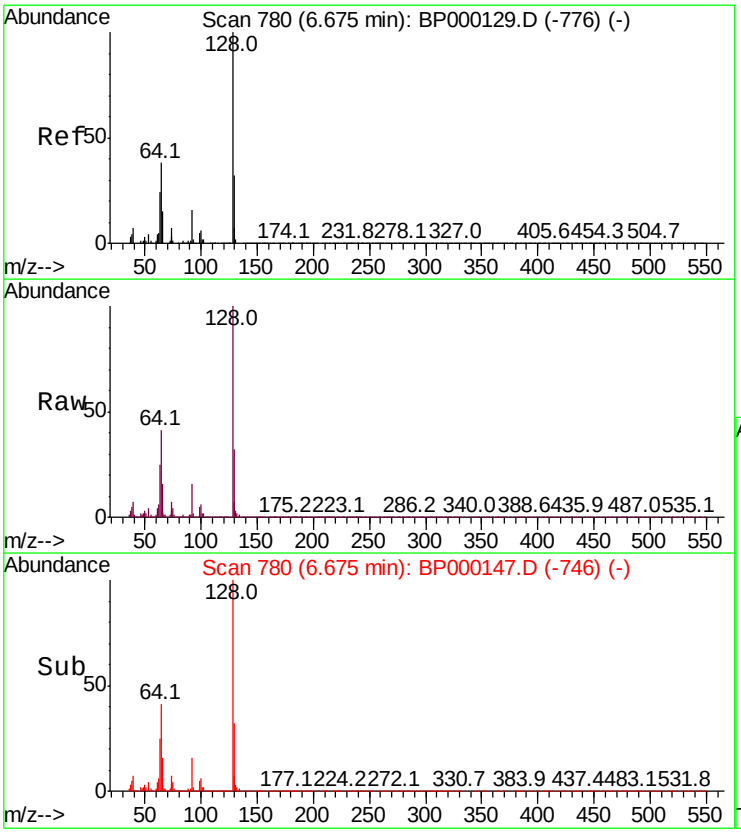
#6
Phenol
Concen: 30.203 ng/ul
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 968507

Ion	Ratio	Lower	Upper
94	100		
65	21.5	18.8	28.2
66	27.9	24.2	36.2

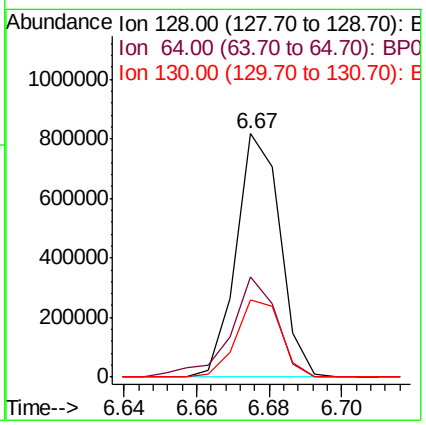


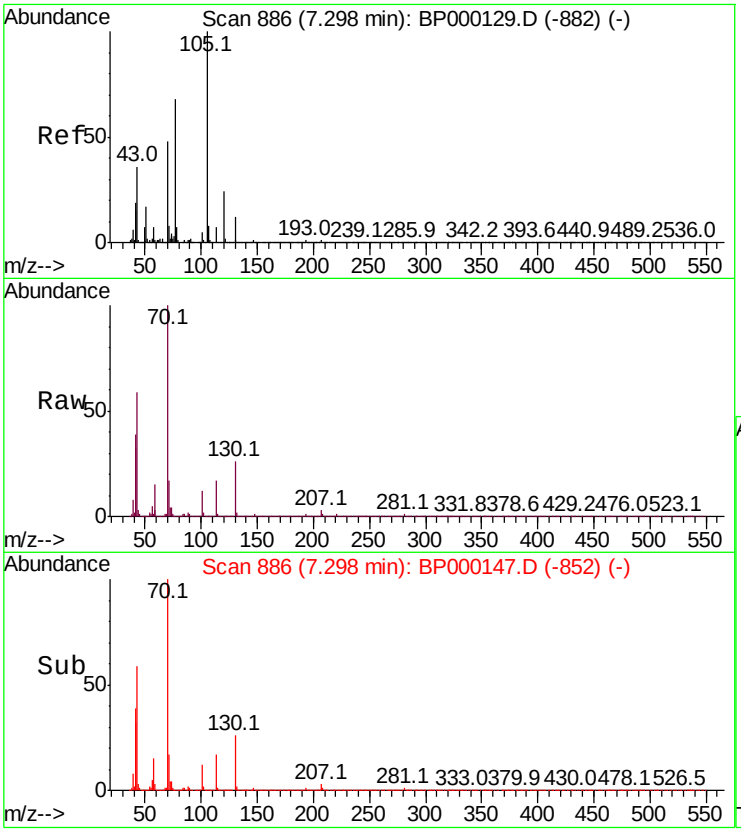


#10
2-Chlorophenol
Concen: 26.321 ng/ul
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion:128 Resp: 691378

Ion	Ratio	Lower	Upper
128	100		
64	41.0	29.6	44.4
130	31.9	26.2	39.4



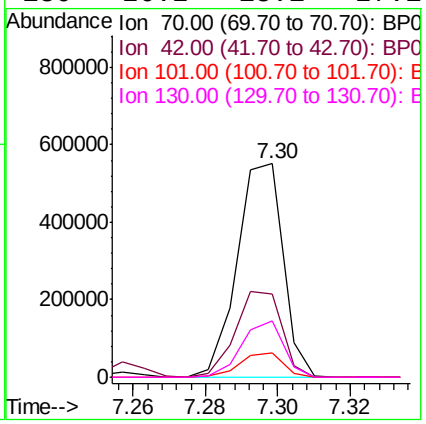


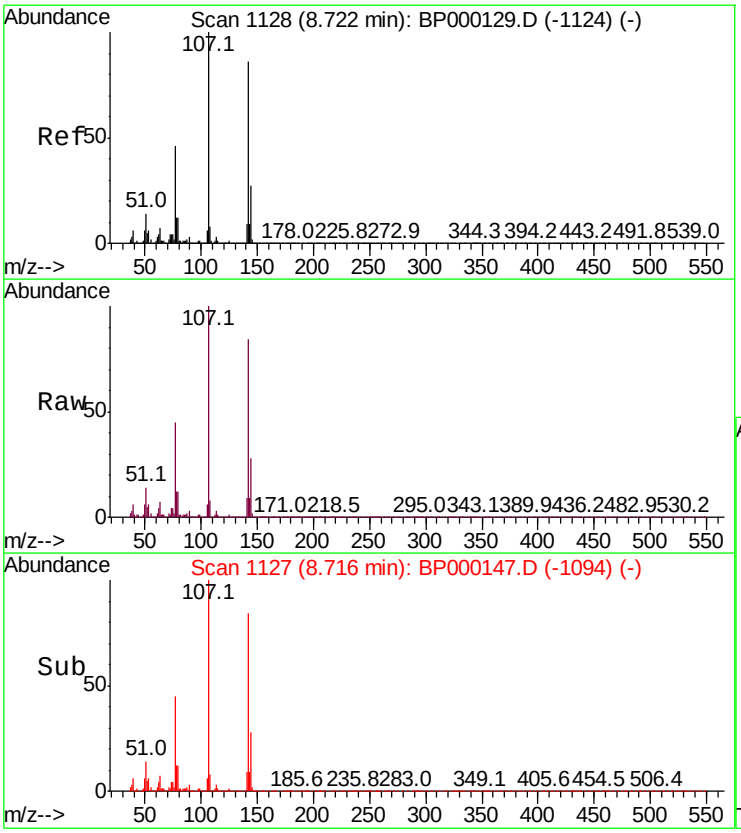
#15
N-Nitroso-di-n-propylamine
Concen: 29.800 ng/ul
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 485413

Ion	Ratio	Lower	Upper
70	100		
42	39.2	33.7	50.5
101	11.5	8.4	12.6
130	26.2	18.1	27.1

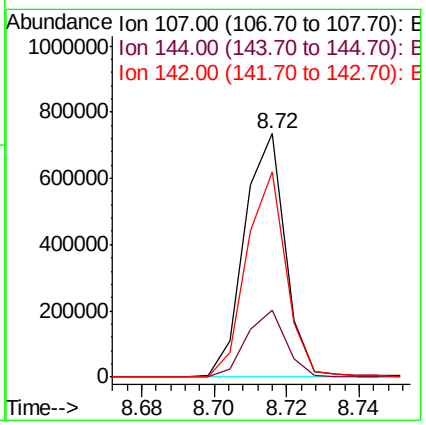


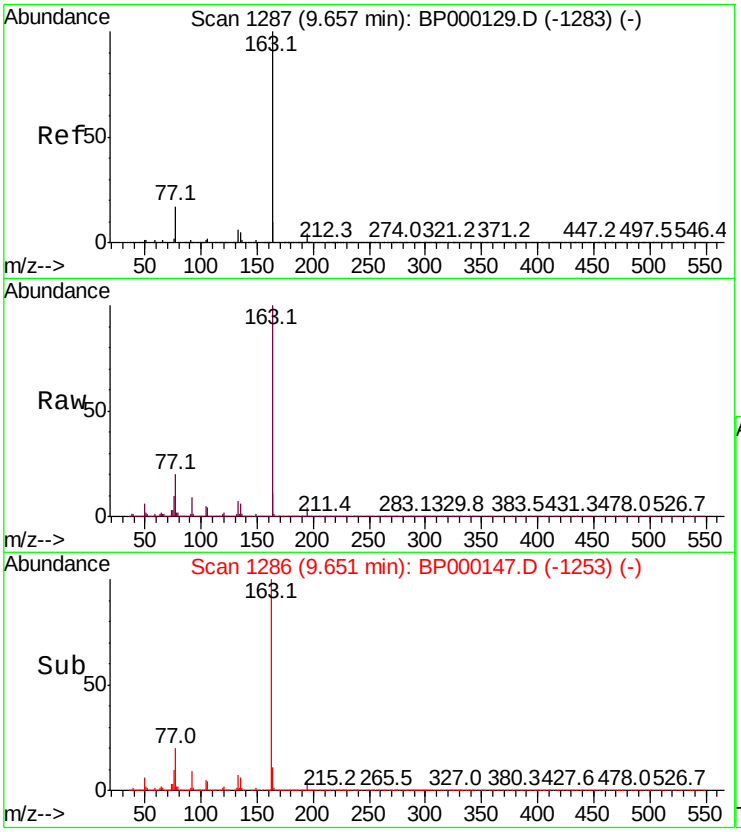


#33
4-Chloro-3-methylphenol
Concen: 25.731 ng/ul
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion:107 Resp: 575525

Ion	Ratio	Lower	Upper
107	100		
144	27.6	21.5	32.3
142	84.3	65.8	98.8



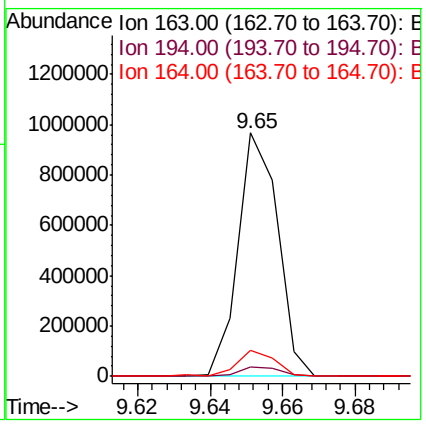


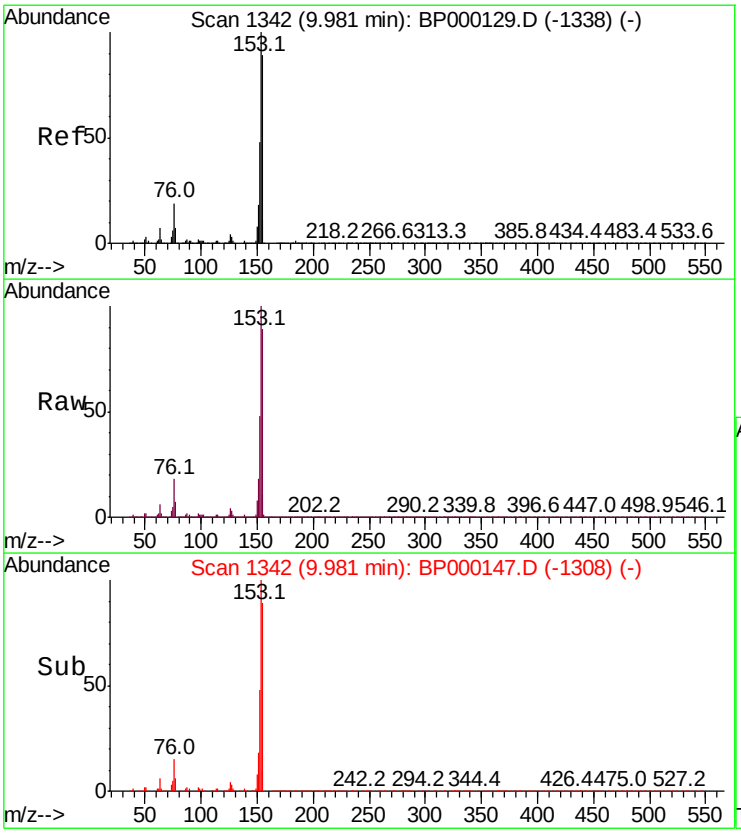
#45
Dimethylphthalate
Concen: 12.452 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 734981

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.6	8.4	12.6

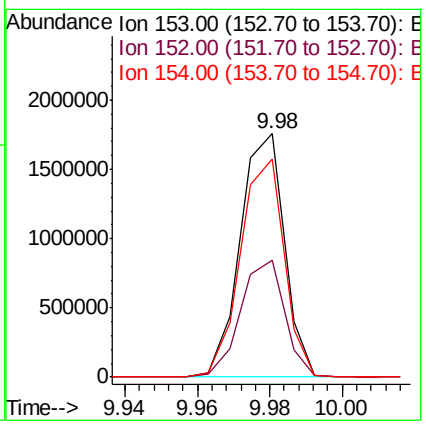


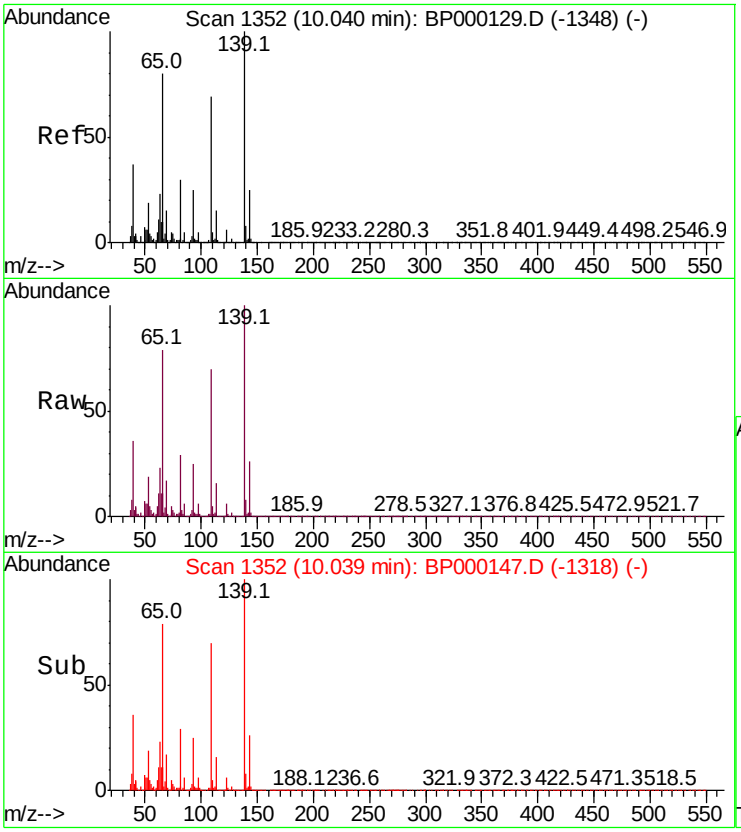


#50
Acenaphthene
Concen: 28.509 ng/ul
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion:153 Resp: 1491900

Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.0	57.0
154	89.4	72.6	108.8



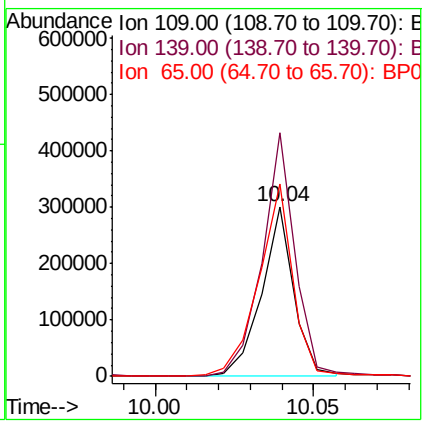


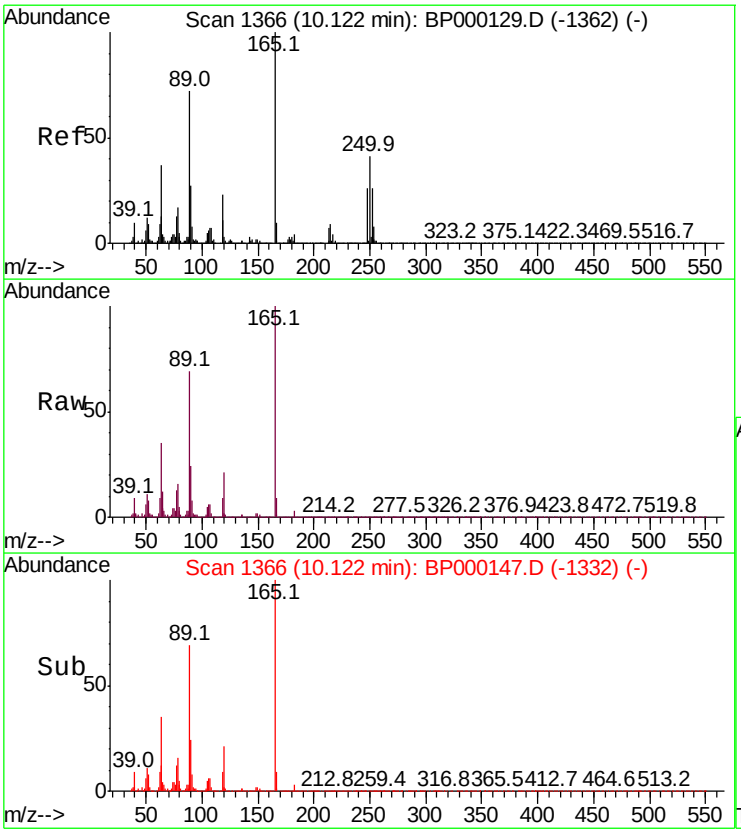
#53
4-Nitrophenol
Concen: 27.444 ng/ul
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:109 Resp: 213493

Ion	Ratio	Lower	Upper
109	100		
139	143.4	118.6	177.8
65	112.9	95.4	143.2

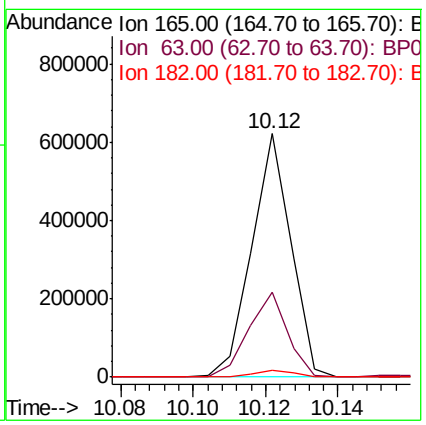


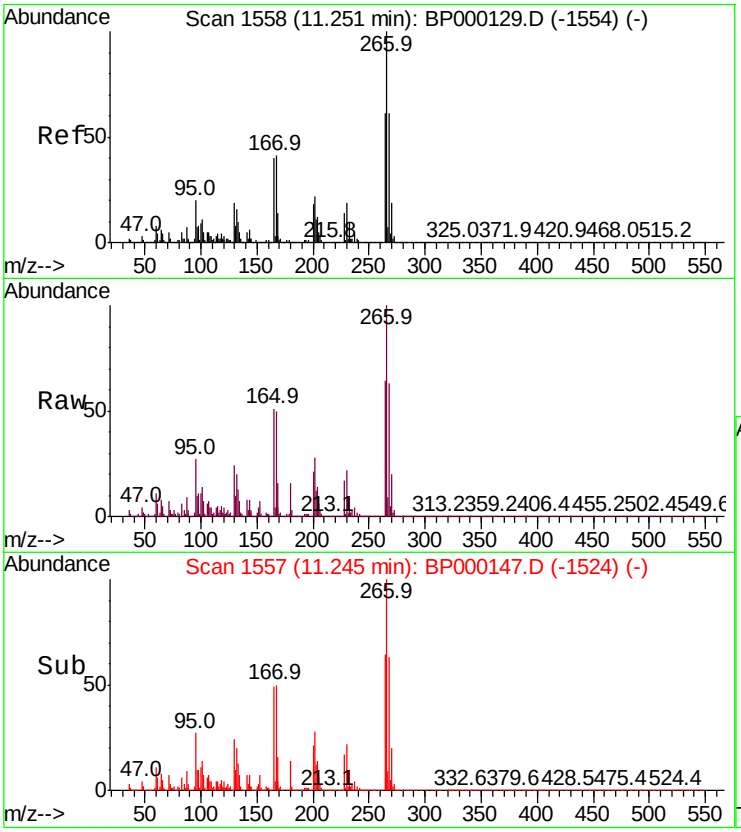


#55
2,4-Dinitrotoluene
Concen: 30.296 ng/ul
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion:165 Resp: 465757

Ion	Ratio	Lower	Upper
165	100		
63	34.7	25.4	38.0
182	2.9	3.1	4.7#



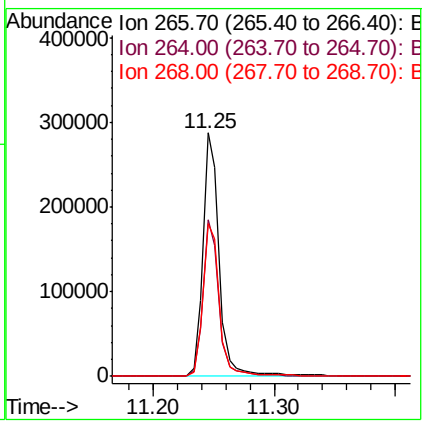


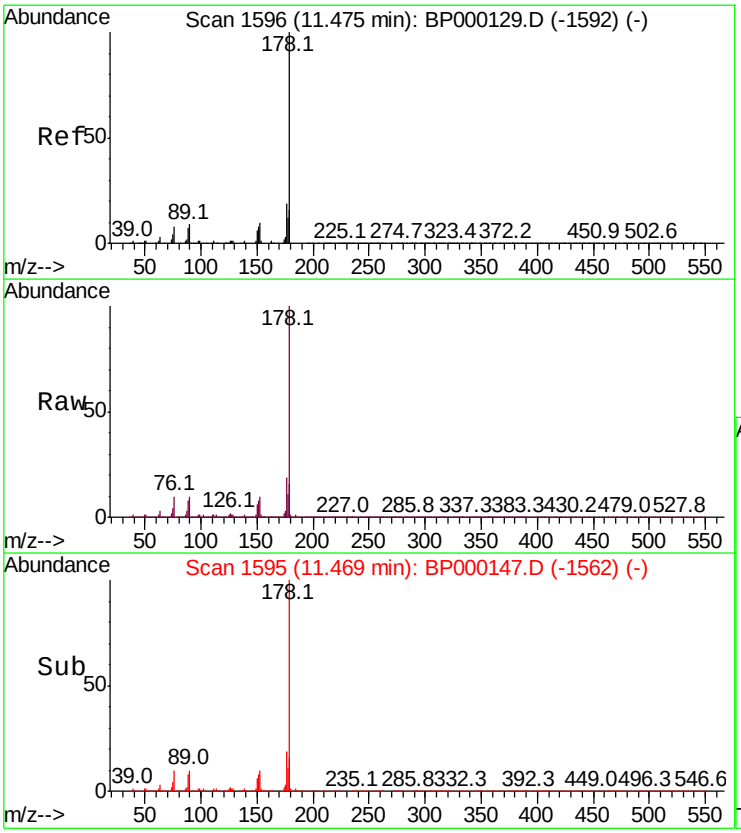
#69
Pentachlorophenol
Concen: 26.685 ng/ul
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:266 Resp: 267330

Ion	Ratio	Lower	Upper
266	100		
264	64.5	50.6	75.8
268	62.9	51.2	76.8

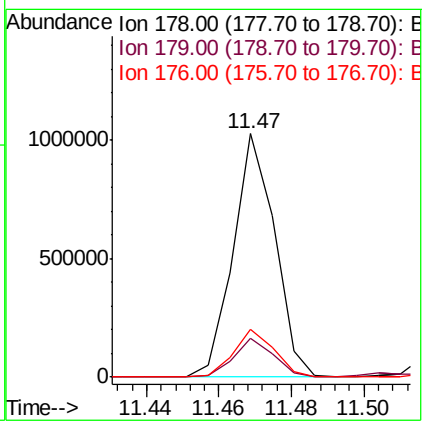


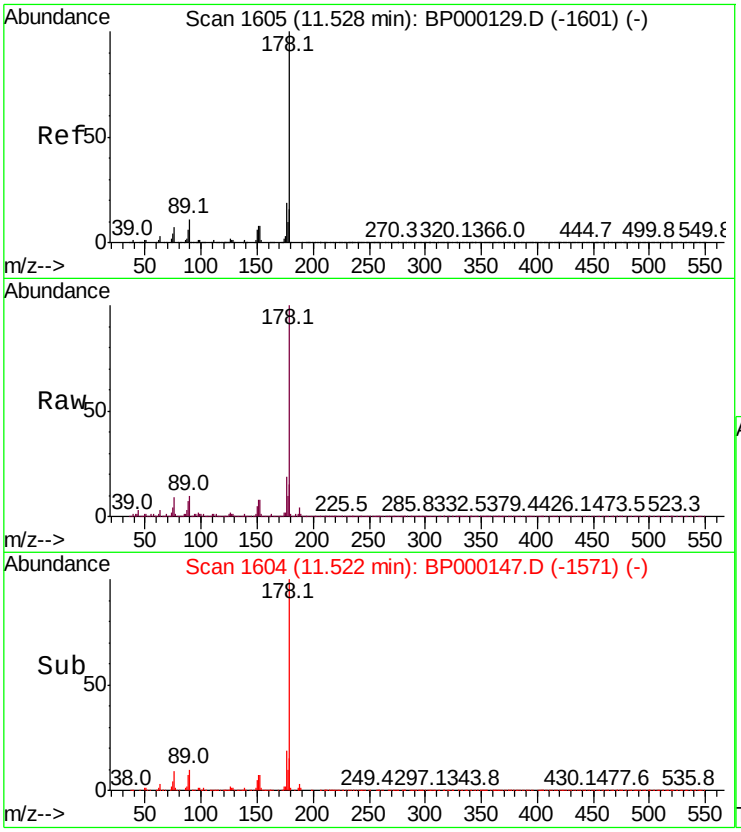


#70
Phenanthrene
Concen: 9.532 ng/ul
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion:178 Resp: 815686

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	19.4	15.7	23.5



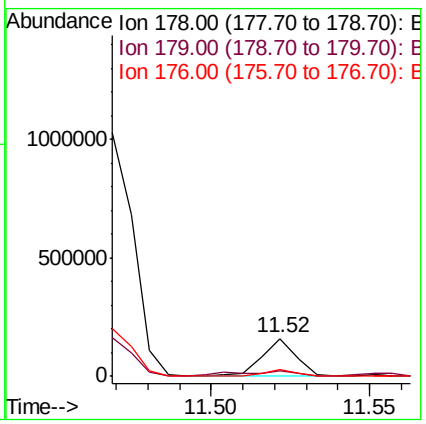


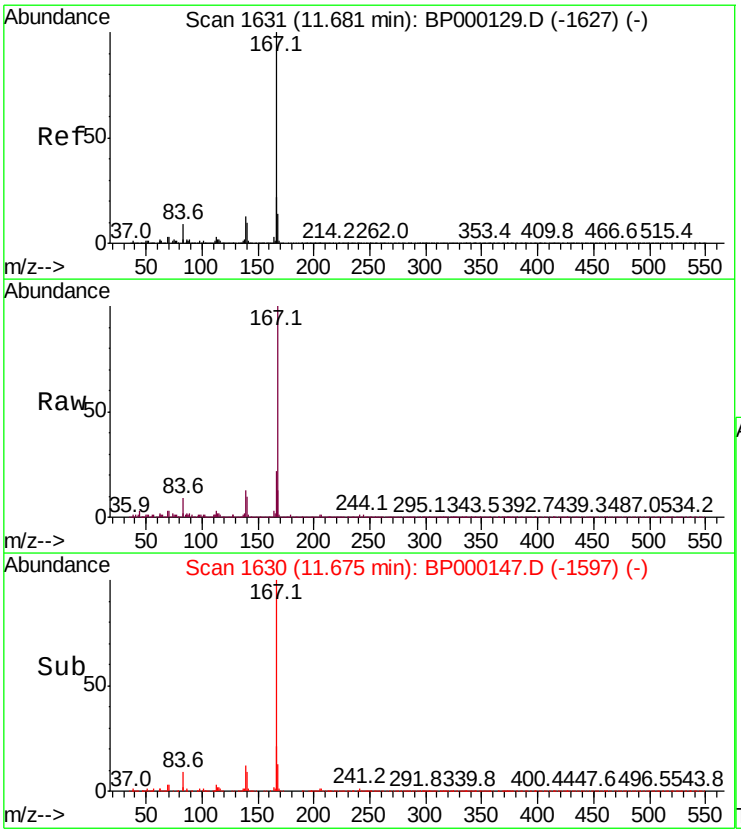
#72
Anthracene
Concen: 1.409 ng/ul
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 118616

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.7	15.1	22.7

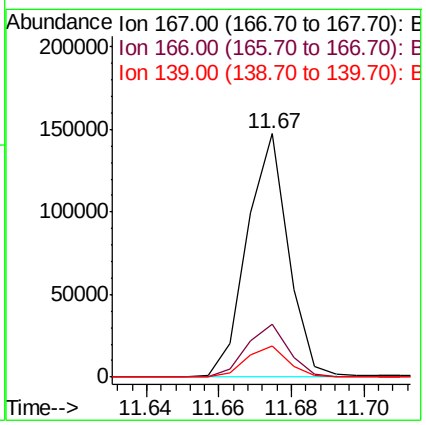


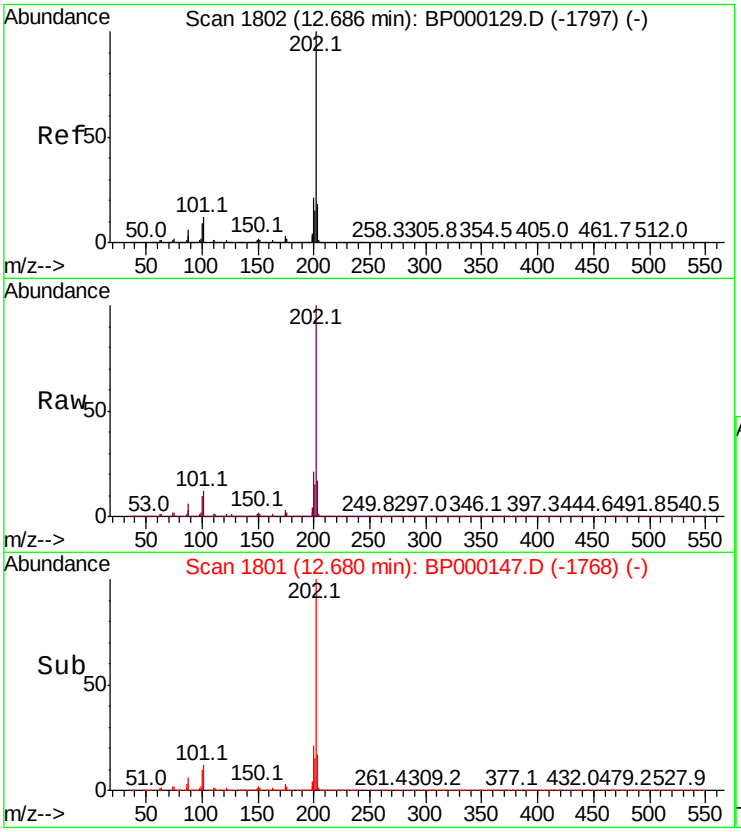


#75
Carbazole
Concen: 1.602 ng/ul
RT: 11.67 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion:167 Resp: 115348

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.3	25.9
139	12.7	10.6	15.8



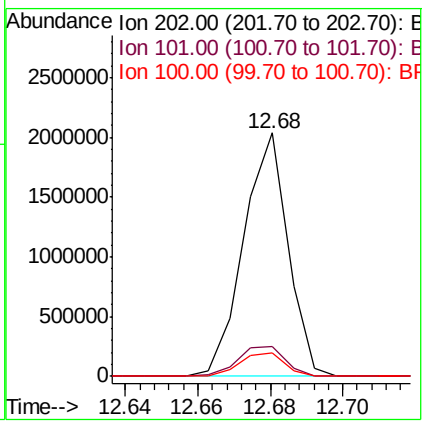


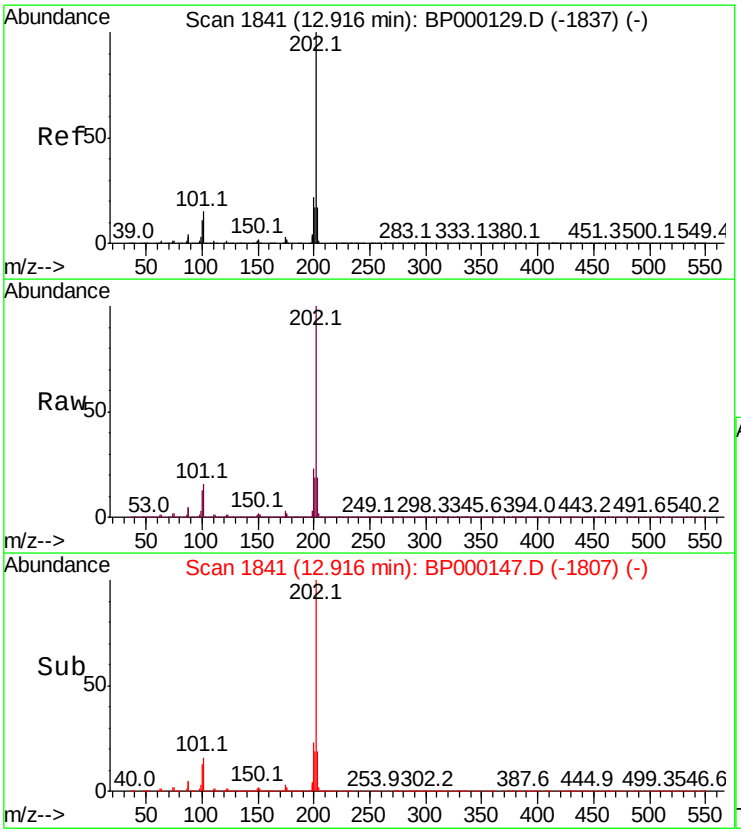
#77
Fluoranthene
Concen: 20.011 ng/ul
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 1727200

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.0	15.0
100	9.5	7.4	11.2

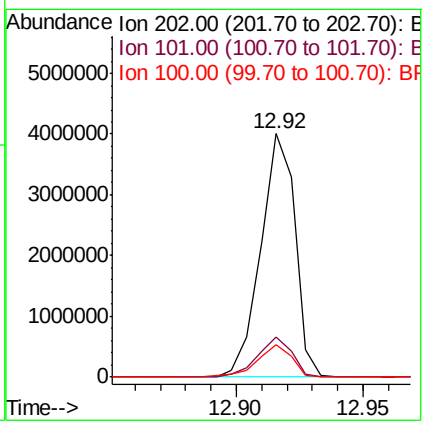


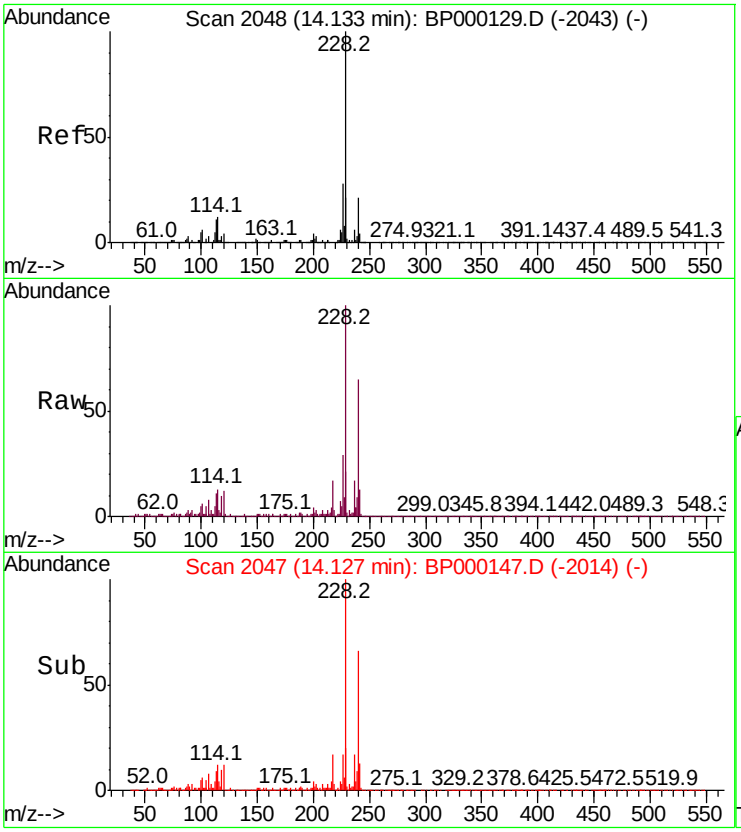


#80
Pyrene
Concen: 41.595 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion:202 Resp: 3805117

Ion	Ratio	Lower	Upper
202	100		
101	16.4	13.4	20.0
100	13.3	10.8	16.2



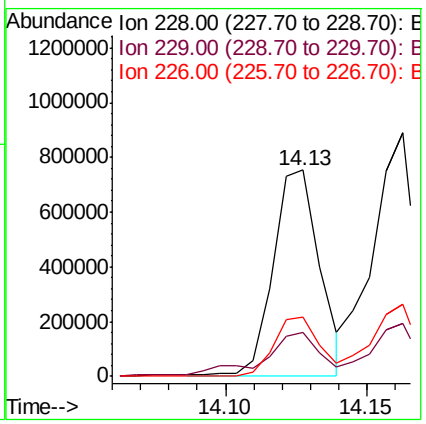


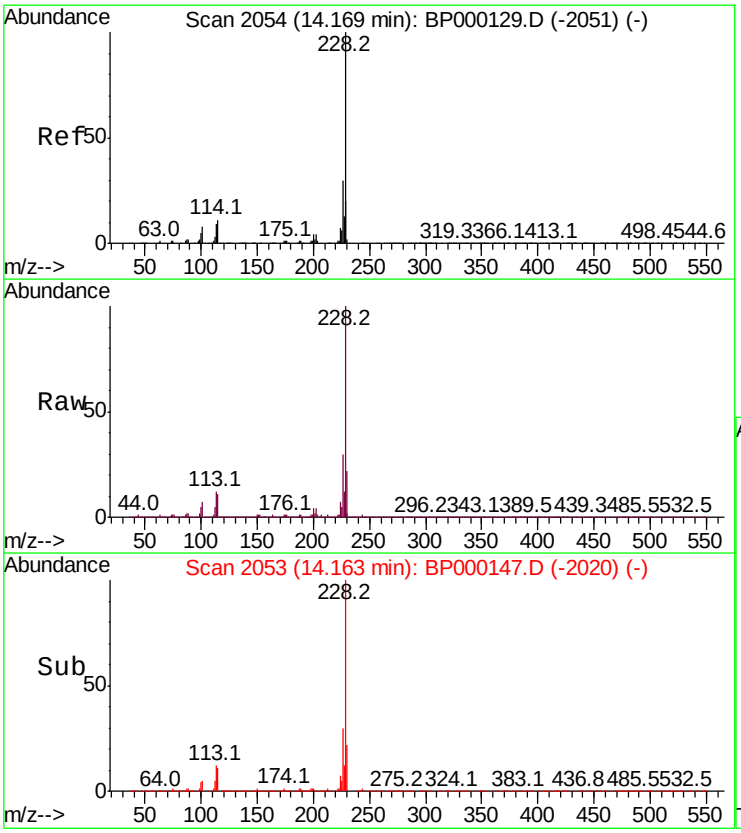
#83
Benzo(a)anthracene
Concen: 9.802 ng/ul
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 860319

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.9	23.9
226	29.0	22.1	33.1

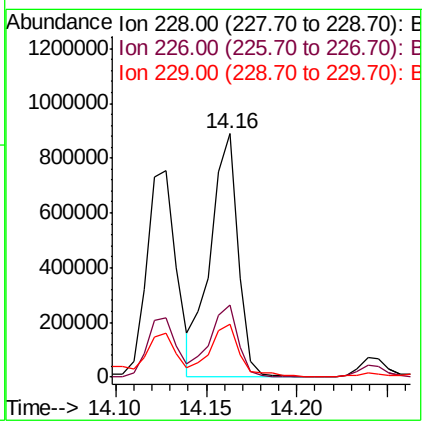


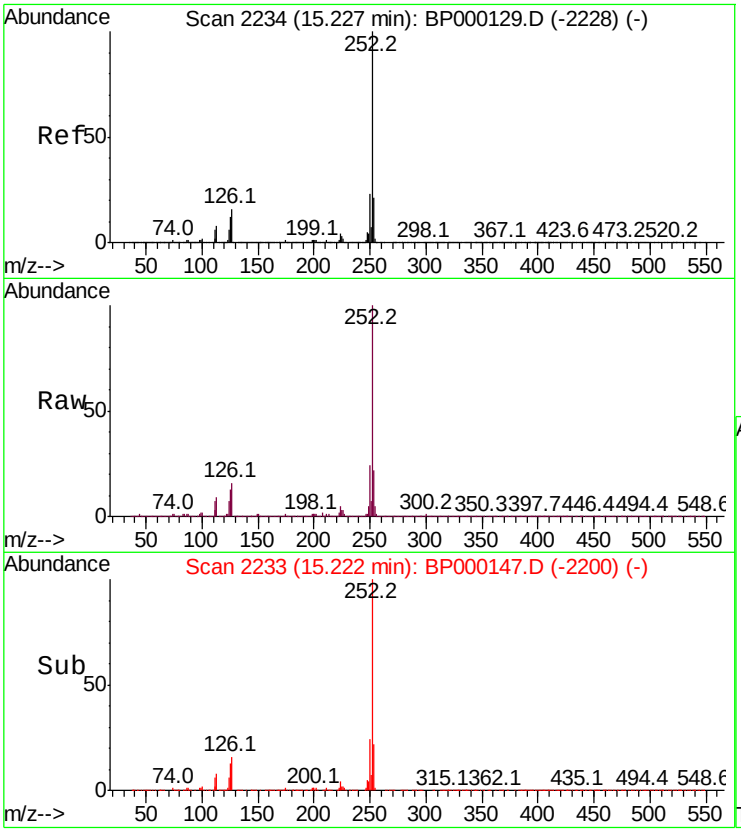


#85
Chrysene
Concen: 11.767 ng/ul
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion:228 Resp: 947769

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	21.5	16.0	24.0



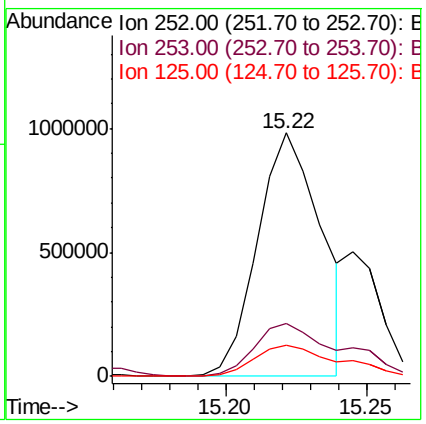


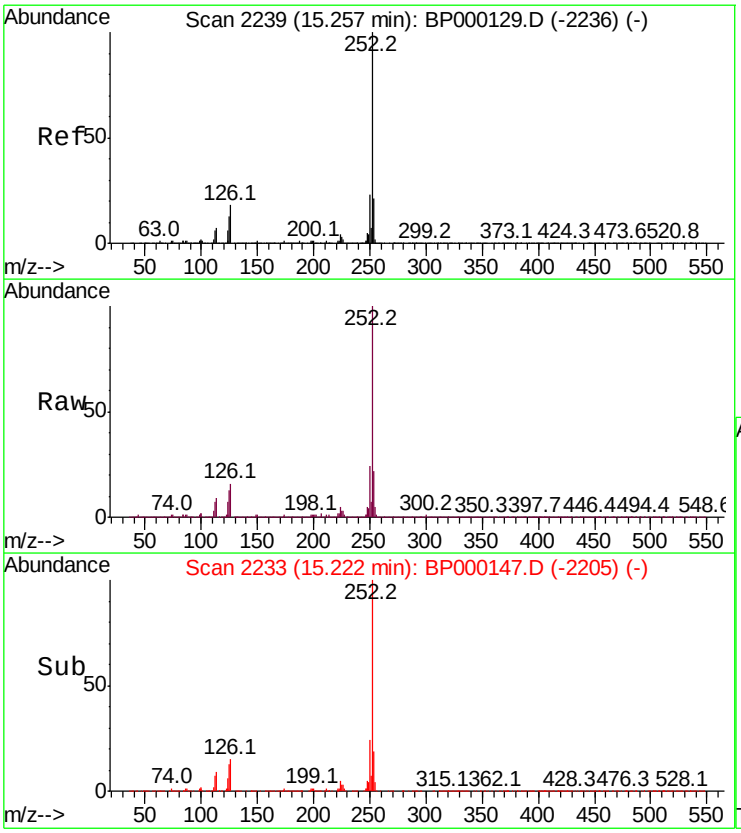
#88
Benzo(b)fluoranthene
Concen: 18.239 ng/ul
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 1526966

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	13.0	9.9	14.9

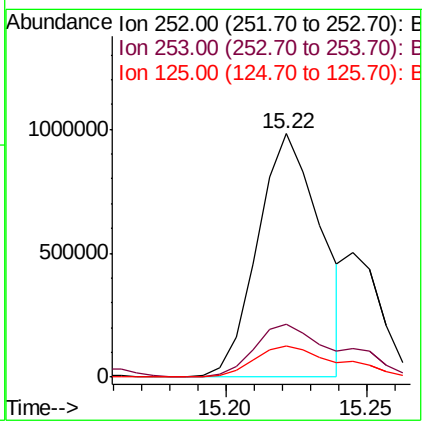


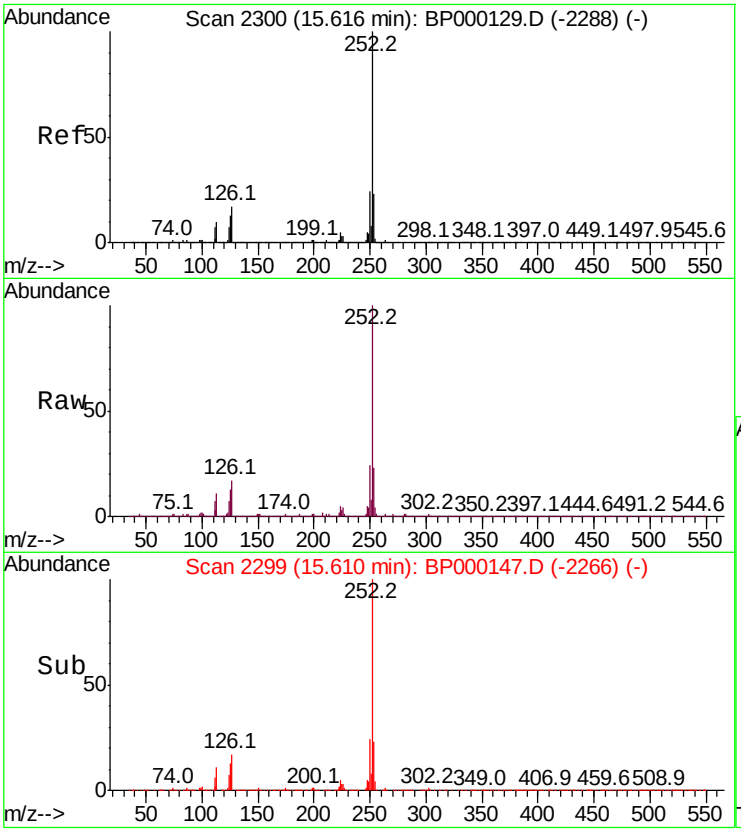


#89
Benzo(k)fluoranthene
Concen: 19.348 ng/ul
RT: 15.22 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion:252 Resp: 1526966

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	13.0	10.2	15.2



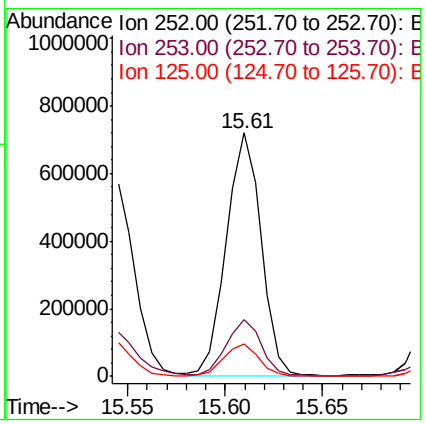


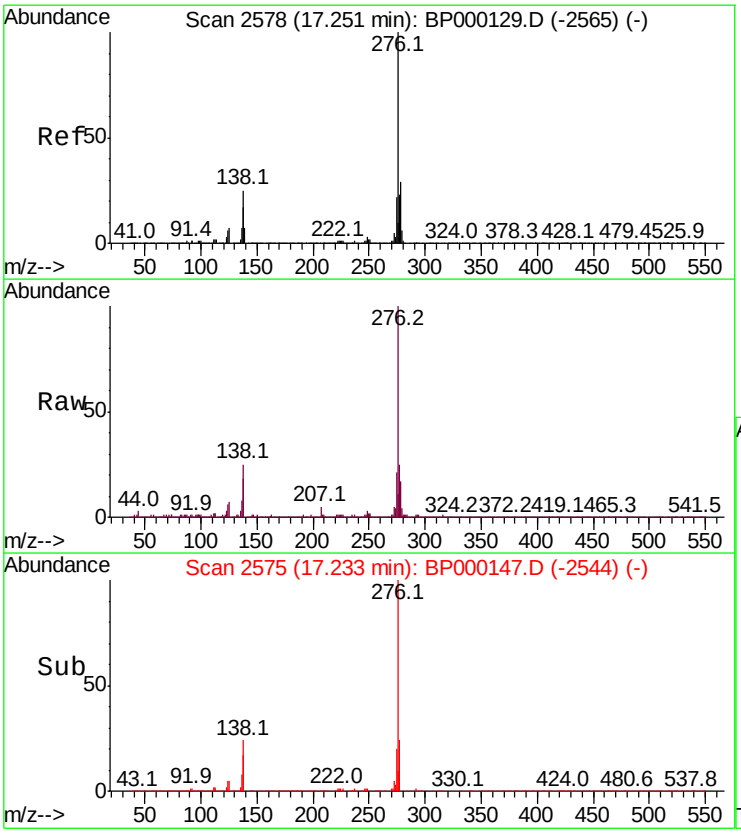
#91
Benzo(a)pyrene
Concen: 11.309 ng/ul
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 888369

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	13.4	10.2	15.2

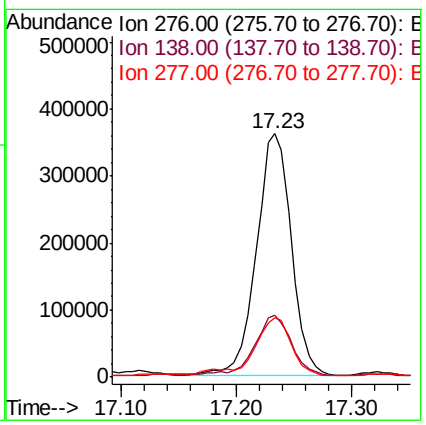


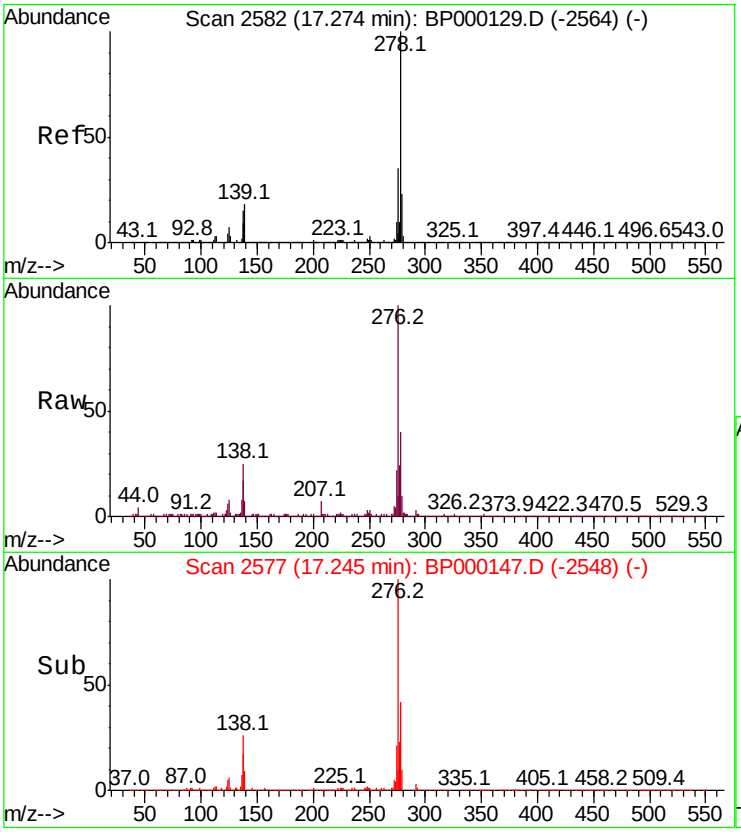


#92
Indeno(1,2,3-cd)pyrene
Concen: 8.374 ng/ul
RT: 17.23 min Scan# 2575
Delta R.T. -0.02 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion:276 Resp: 756772

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.0	30.0
277	24.6	19.4	29.0



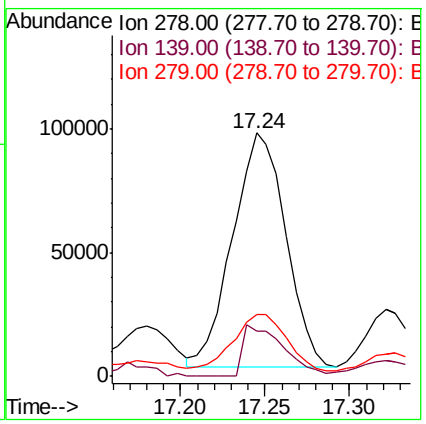


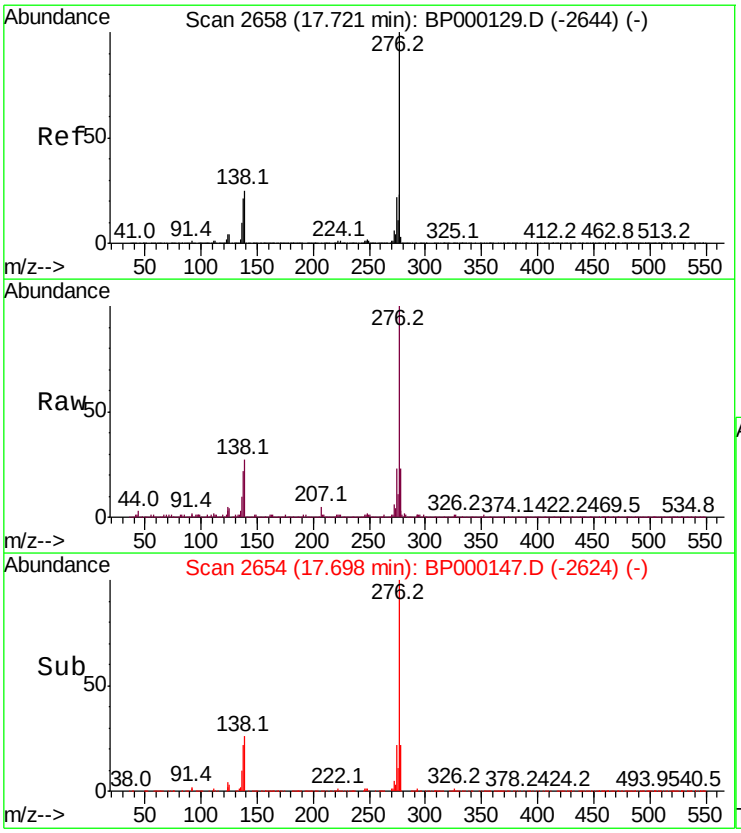
#93
Dibenzo(a,h)anthracene
Concen: 2.742 ng/ul
RT: 17.24 min Scan# 2577
Delta R.T. -0.03 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 205238

Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.1	22.7
279	25.6	19.2	28.8





#94
Benzo(g,h,i)perylene
Concen: 8.836 ng/ul
RT: 17.70 min Scan# 2654
Delta R.T. -0.02 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion:276 Resp: 665740

Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.0	30.0
277	23.1	19.1	28.7