Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000144.D
Acq On : 09 Sep 2019 20:02
Operator : HP/JU
Sample : K4633-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 10 03:37:36 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	442243	20.00	ng/ul	0.00
18) Naphthalene-d8	8.17	136	1700604	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	916018	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1600023	20.00	ng/ul	0.00
78) Chrysene-d12	14.13	240	1181671	20.00	ng/ul	-0.01
86) Perylene-d12	15.67	264	1212192	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.59	96	77	0.01	ng/uL	-0.01
5) Phenol-d5	6.51	99	940017	24.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	507656	25.77	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	774953	25.44	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	693764	24.52	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	364657	28.24	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	392247	31.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	690967	25.90	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	431439	13.08	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1830083	27.06	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2234307	26.73	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	255788	21.16	ng/ul	0.00
58) Fluorene-d10	10.47	176	1541378	26.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	169224	23.01	ng/ul	0.00
71) Anthracene-d10	11.50	188	2026022	26.15	ng/ul	0.00
79) Pyrene-d10	12.89	212	2020368	28.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.58	264	1715936	27.31	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.52	94	174077	4.434	ng/ul	98
45) Dimethylphthalate	9.65	163	481237	7.051	ng/ul	100
70) Phenanthrene	11.47	178	481387	5.088	ng/ul	99
75) Carbazole	11.67	167	84039	1.056	ng/ul	99
77) Fluoranthene	12.68	202	1179221	12.356	ng/ul	99
80) Pyrene	12.91	202	945649	10.607	ng/ul	99
83) Benzo(a)anthracene	14.12	228	567134	6.630	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	14.15	149	225039	4.632	ng/ul	99
85) Chrysene	14.16	228	602052	7.670	ng/ul	97
88) Benzo(b)fluoranthene	15.22	252	829062	10.319	ng/ul	99
89) Benzo(k)fluoranthene	15.22	252	829062	10.947	ng/ul	99
91) Benzo(a)pyrene	15.60	252	446843	5.928	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	17.23	276	347636	4.009	ng/ul	99
94) Benzo(g,h,i)perylene	17.70	276	291762	4.035	ng/ul	98

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

Quantitation Report (Not Reviewed)

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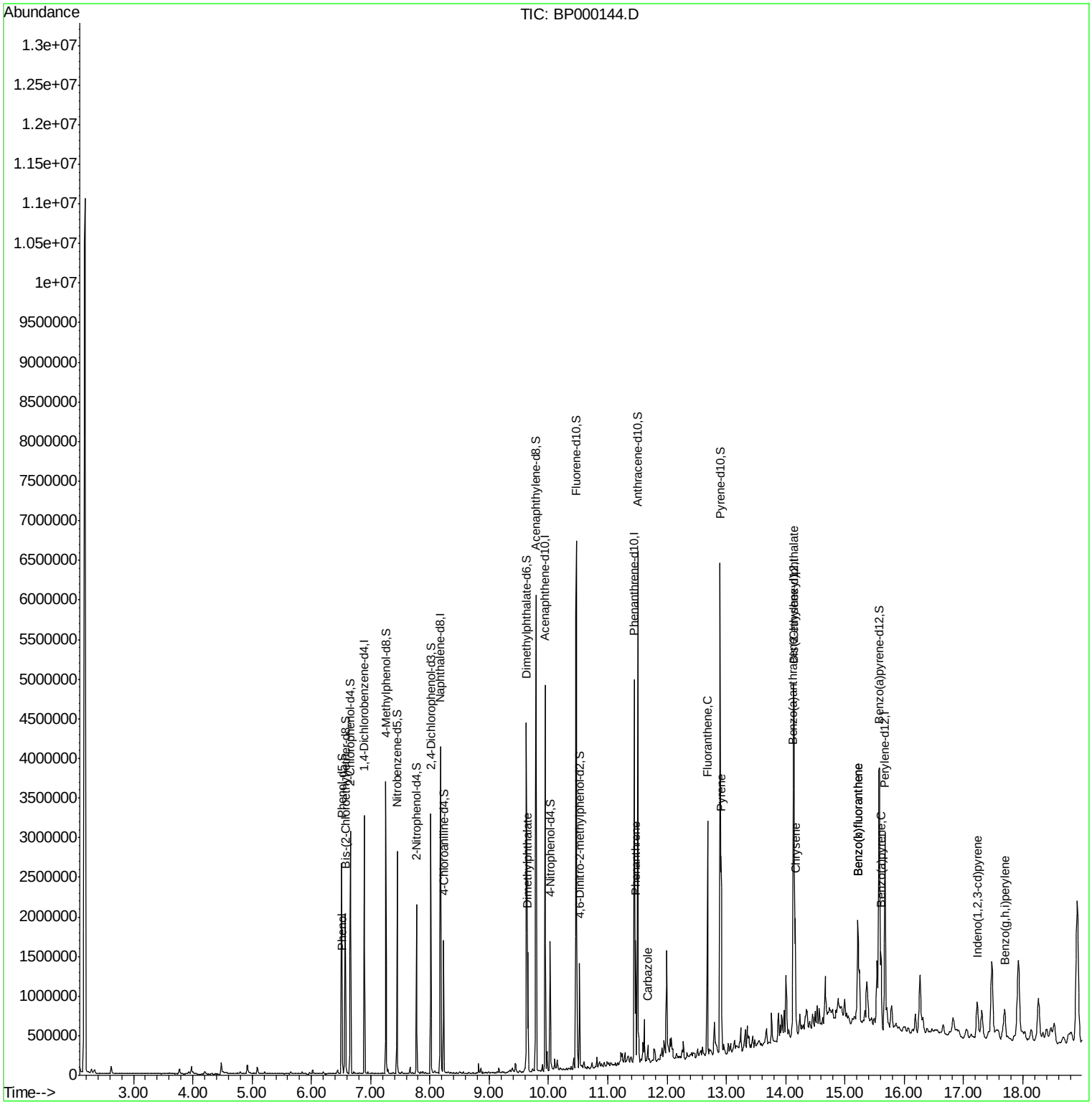
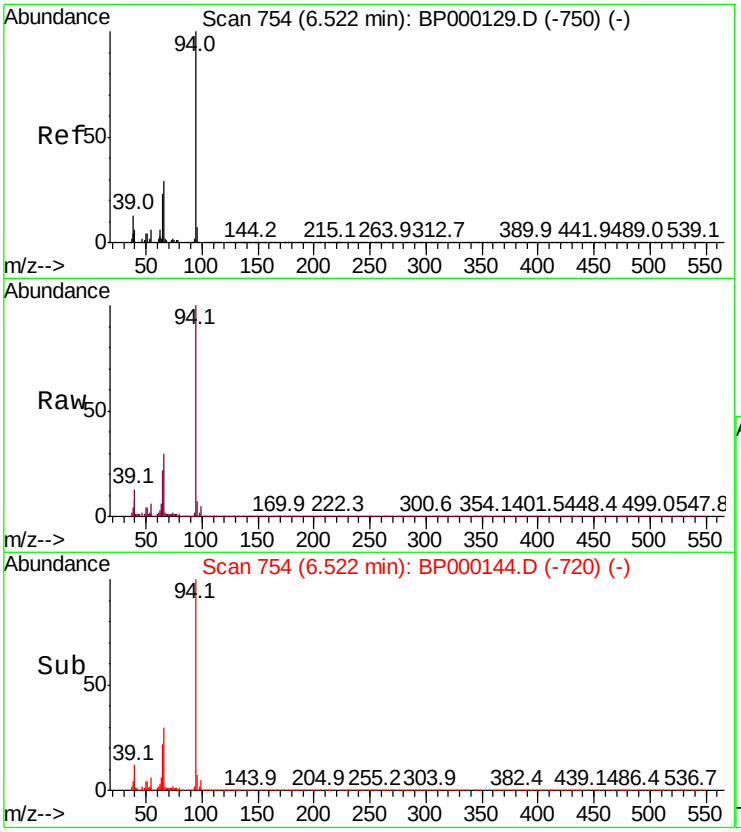
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 10 03:37:36 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



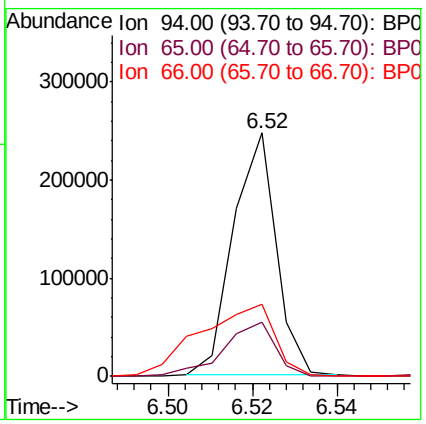


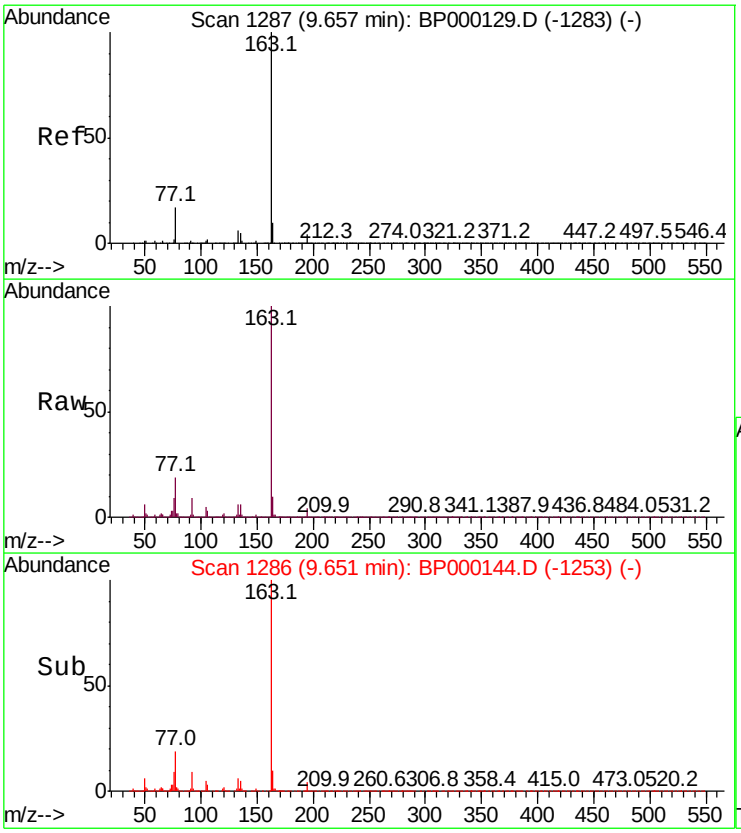
#6
Phenol
Concen: 4.434 ng/ul
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BP000144.D
Acq: 09 Sep 2019 20:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 174077

Ion	Ratio	Lower	Upper
94	100		
65	22.2	18.8	28.2
66	29.6	24.2	36.2

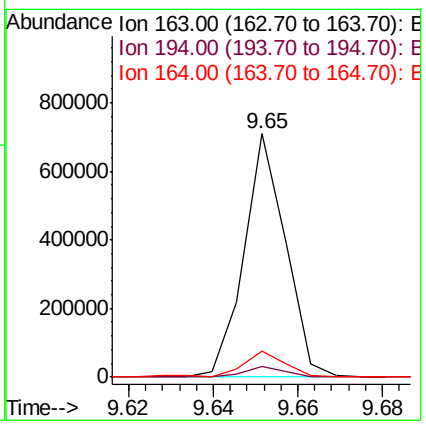


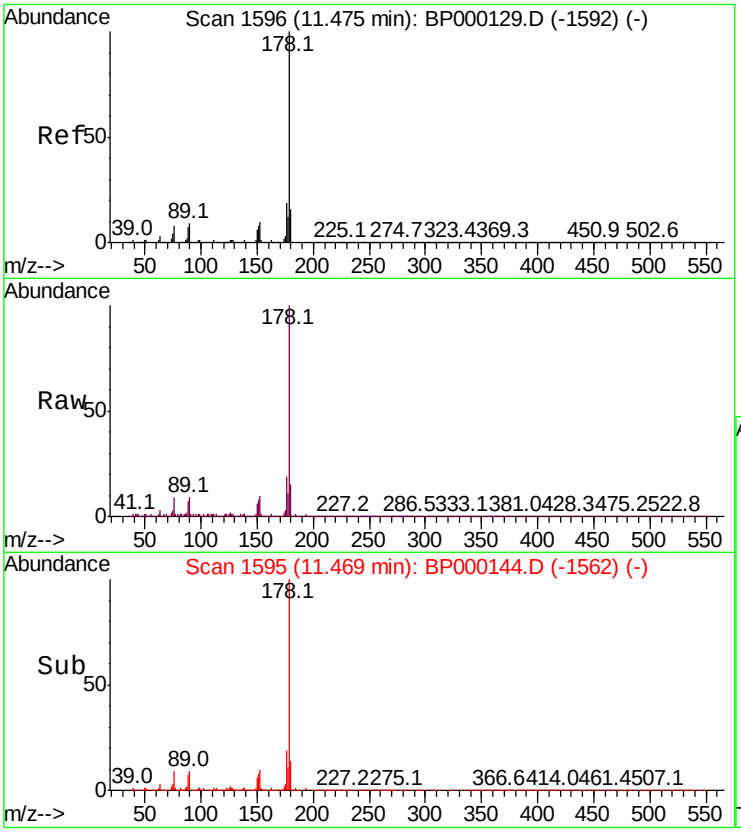


#45
Dimethylphthalate
Concen: 7.051 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000144.D
Acq: 09 Sep 2019 20:02

Tgt Ion:163 Resp: 481237

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.4	8.4	12.6



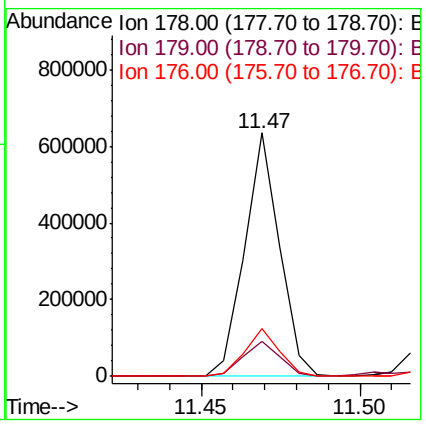


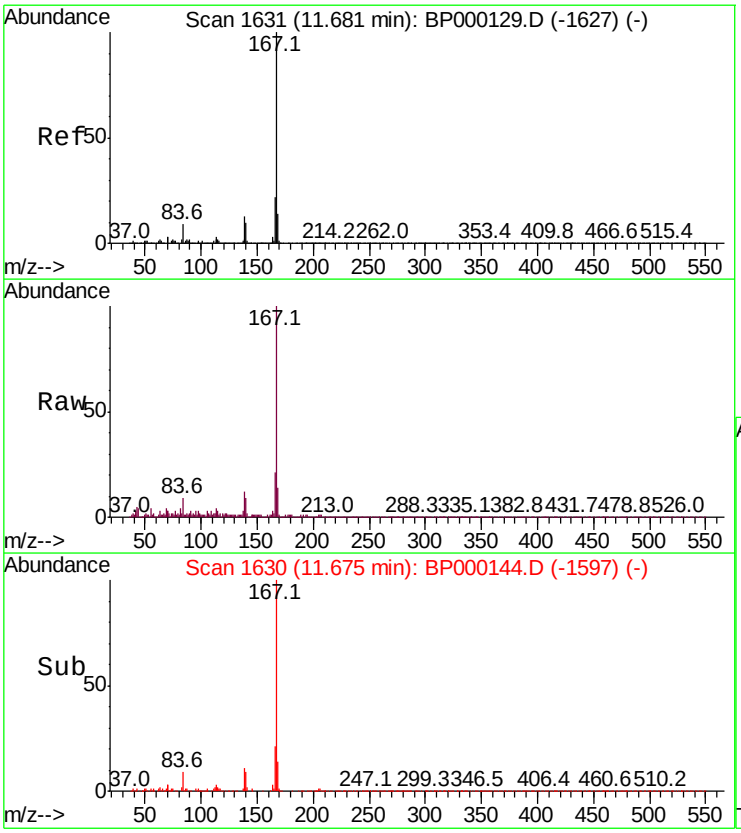
#70
Phenanthrene
Concen: 5.088 ng/ul
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BP000144.D
Acq: 09 Sep 2019 20:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 481387

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.5	18.7
176	19.4	15.7	23.5

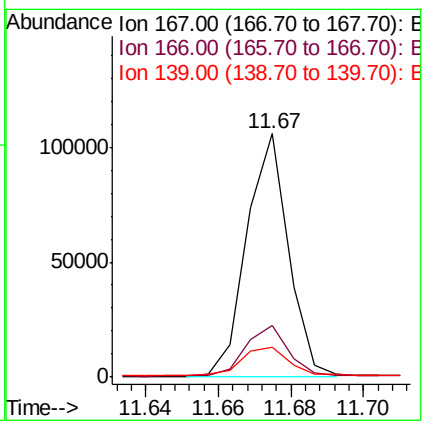


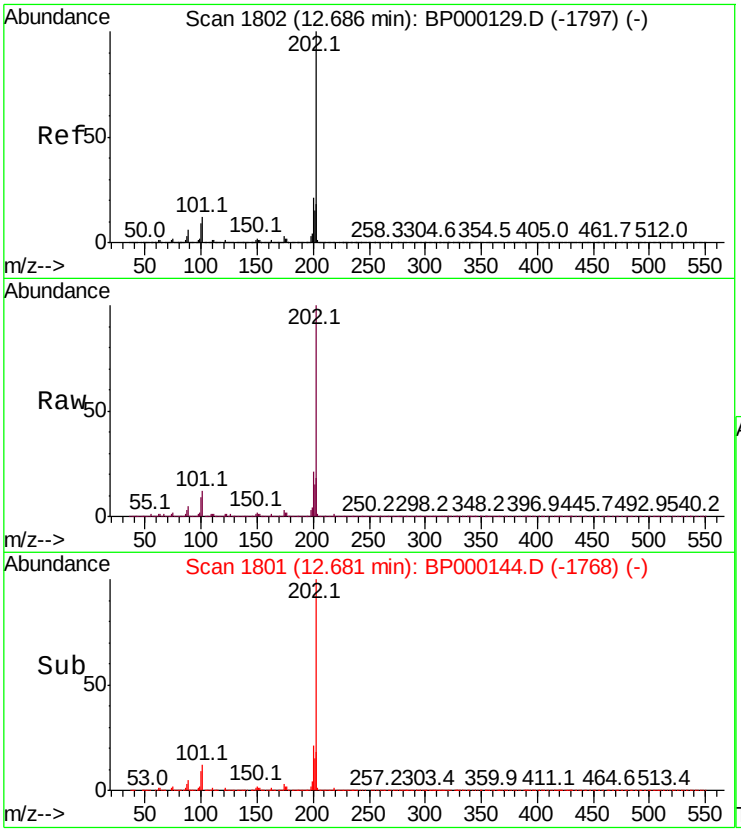


#75
Carbazole
Concen: 1.056 ng/ul
RT: 11.67 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP000144.D
Acq: 09 Sep 2019 20:02

Tgt Ion:167 Resp: 84039

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.3	25.9
139	12.3	10.6	15.8



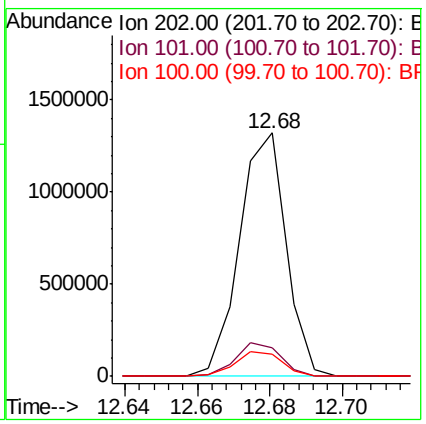


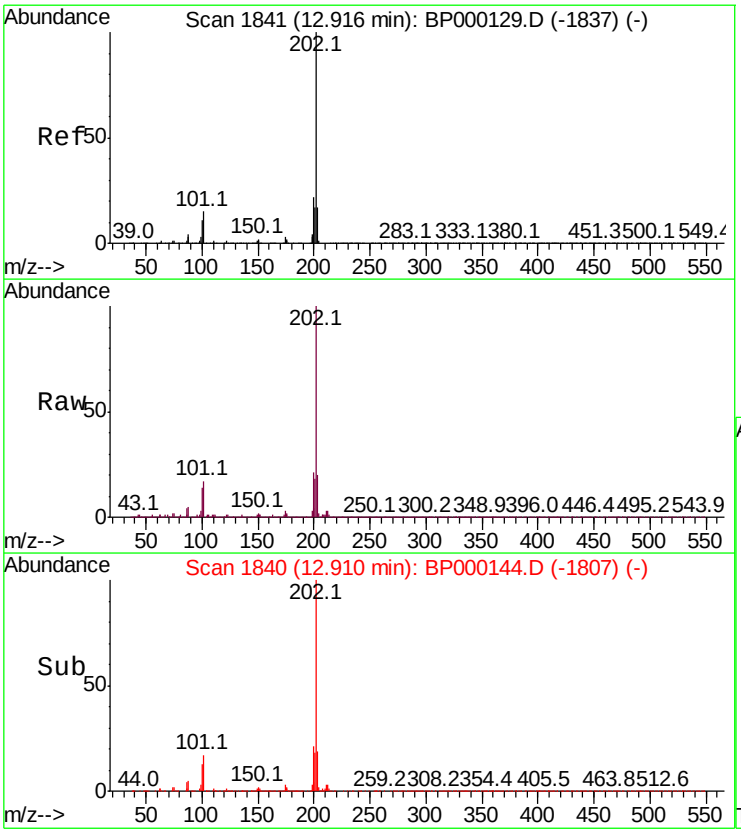
#77
Fluoranthene
Concen: 12.356 ng/ul
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BP000144.D
Acq: 09 Sep 2019 20:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 1179221

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.0	15.0
100	9.0	7.4	11.2

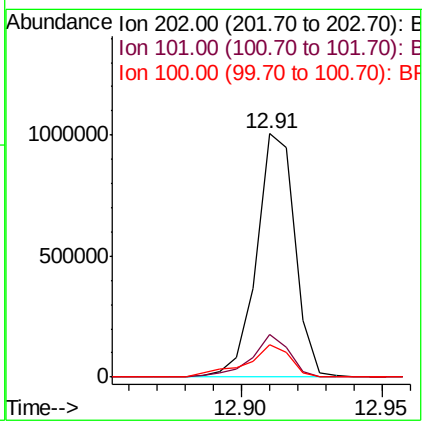


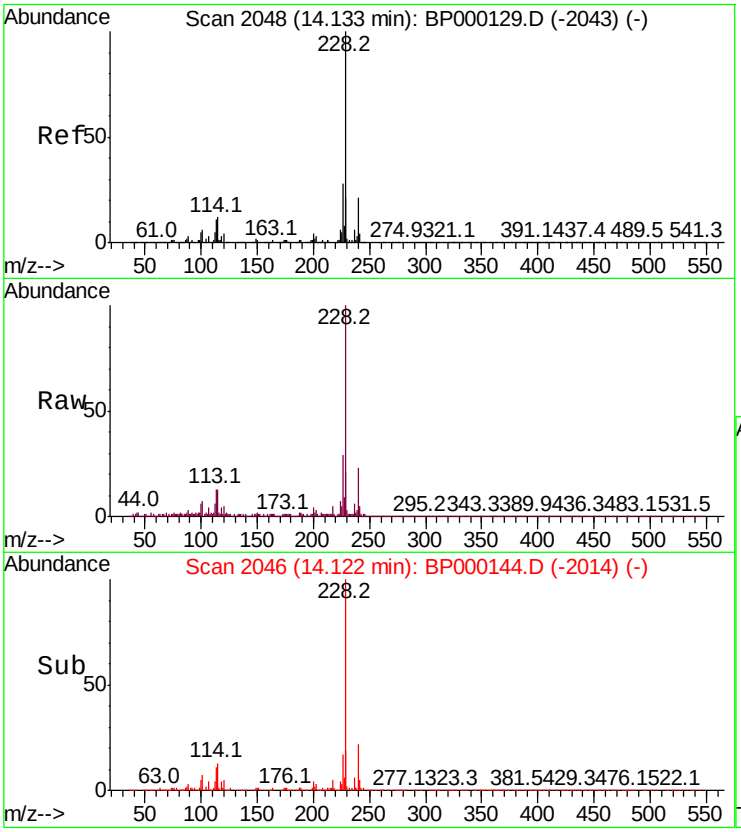


#80
Pyrene
Concen: 10.607 ng/ul
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP000144.D
Acq: 09 Sep 2019 20:02

Tgt Ion:202 Resp: 945649

Ion	Ratio	Lower	Upper
202	100		
101	17.3	13.4	20.0
100	13.5	10.8	16.2



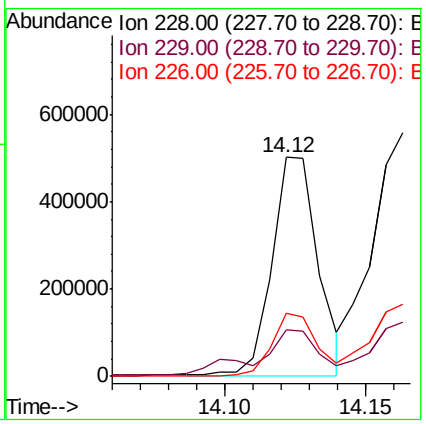


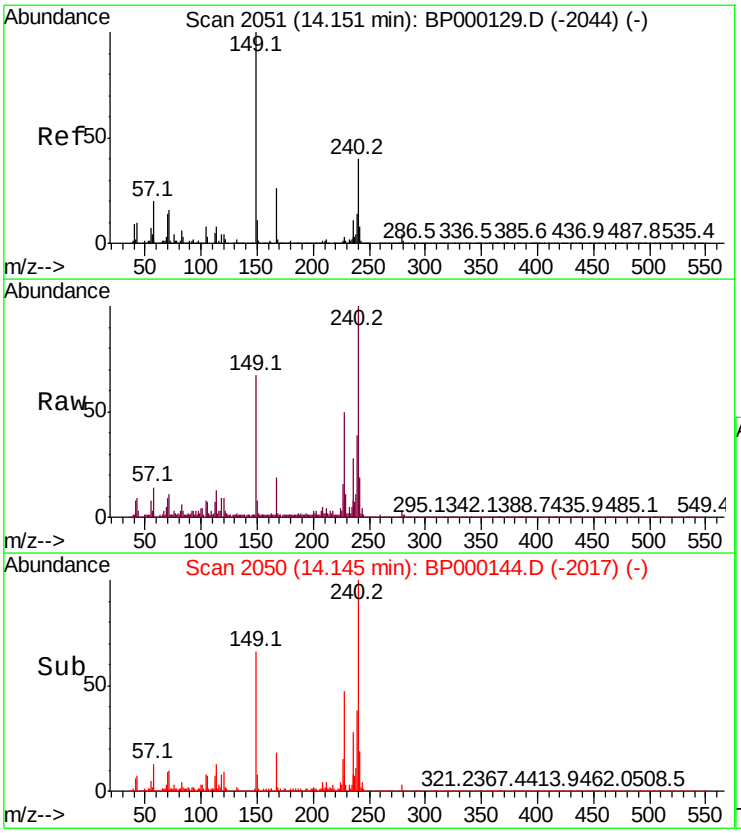
#83
Benzo(a)anthracene
Concen: 6.630 ng/ul
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BP000144.D
Acq: 09 Sep 2019 20:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 567134

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.9	23.9
226	28.7	22.1	33.1

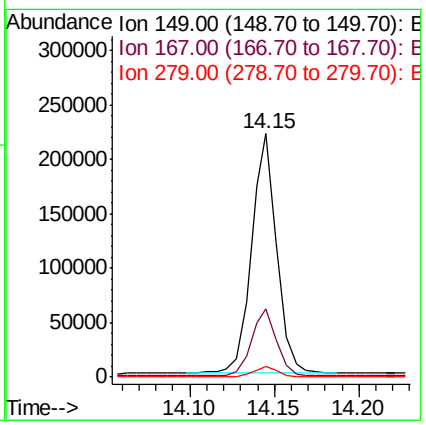


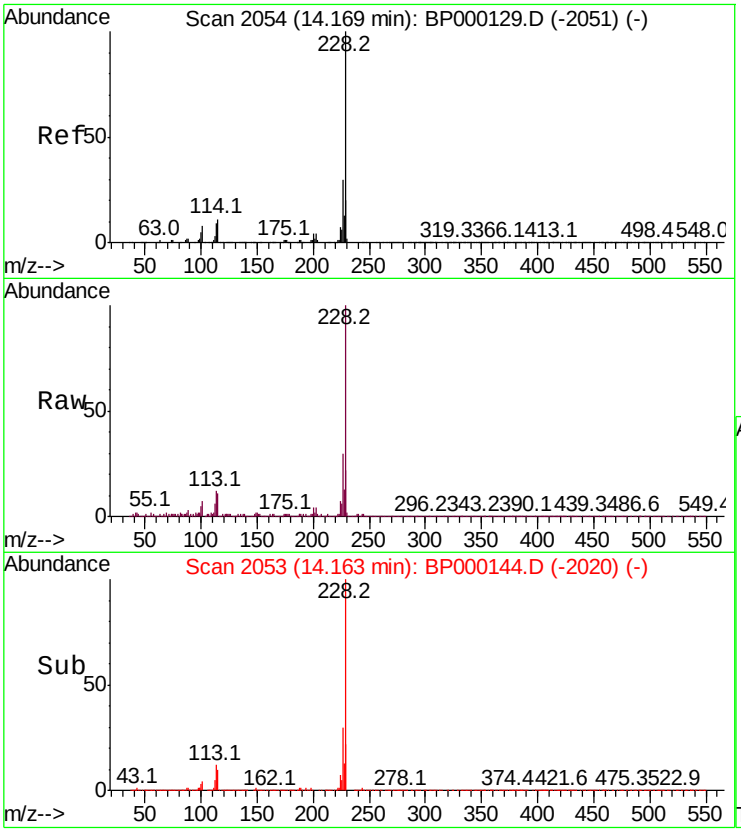


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.632 ng/ul
RT: 14.15 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BP000144.D
Acq: 09 Sep 2019 20:02

Tgt Ion:149 Resp: 225039

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.8
279	4.2	3.0	4.4



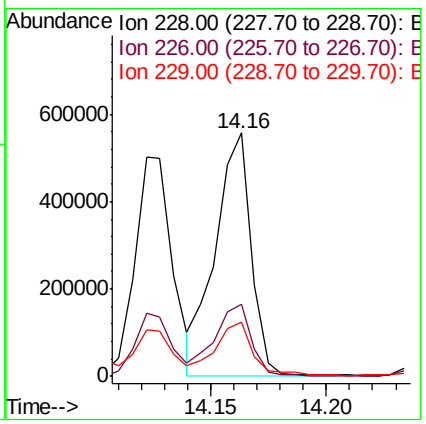


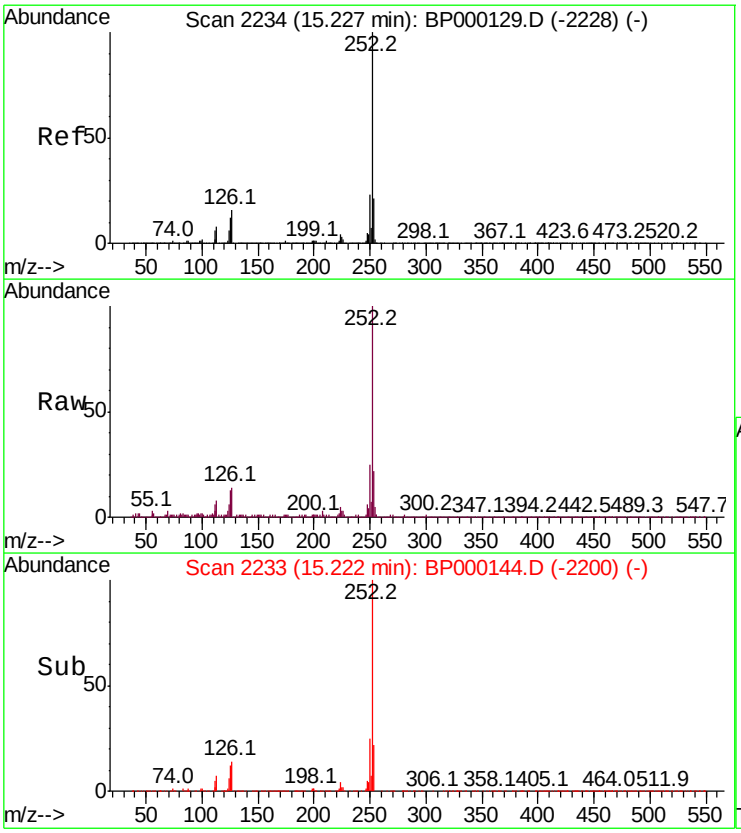
#85
Chrysene
Concen: 7.670 ng/ul
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP000144.D
Acq: 09 Sep 2019 20:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 602052

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	22.0	16.0	24.0

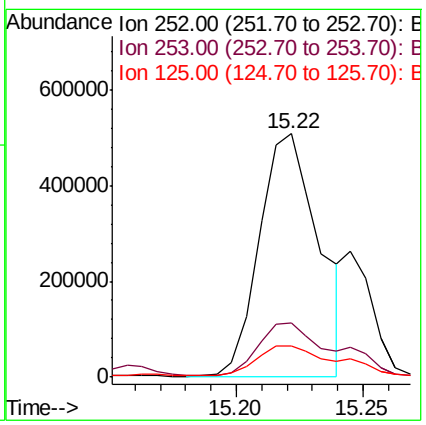


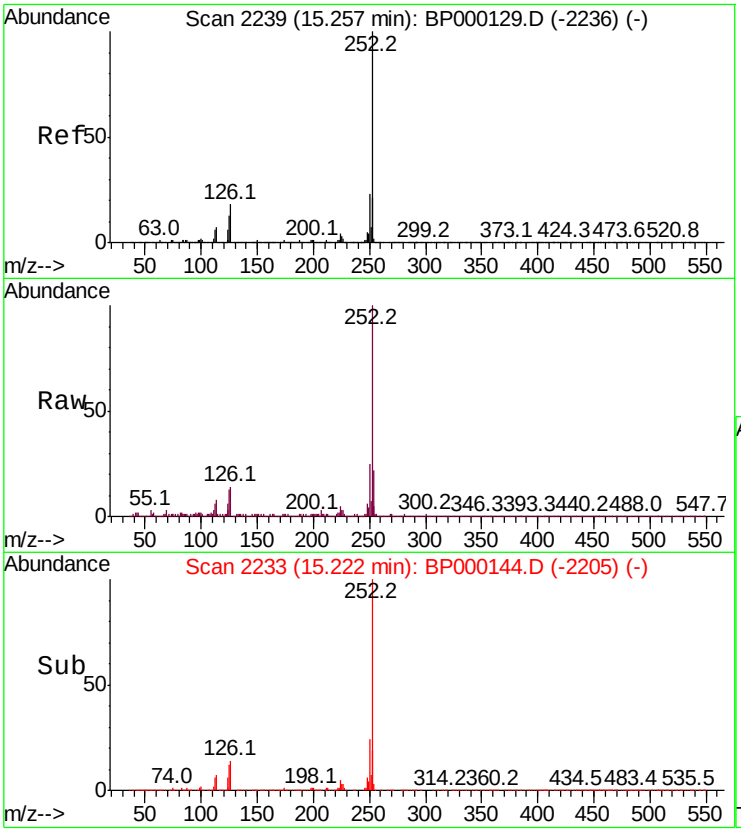


#88
Benzo(b)fluoranthene
Concen: 10.319 ng/ul
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BP000144.D
Acq: 09 Sep 2019 20:02

Tgt Ion:252 Resp: 829062

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	13.0	9.9	14.9



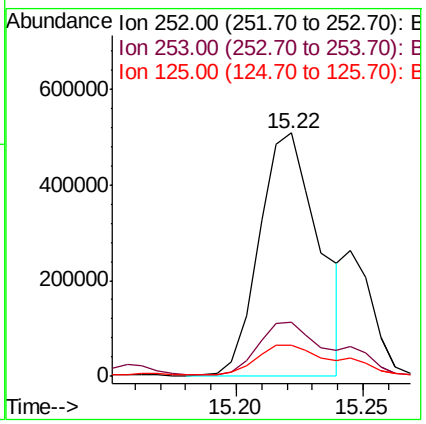


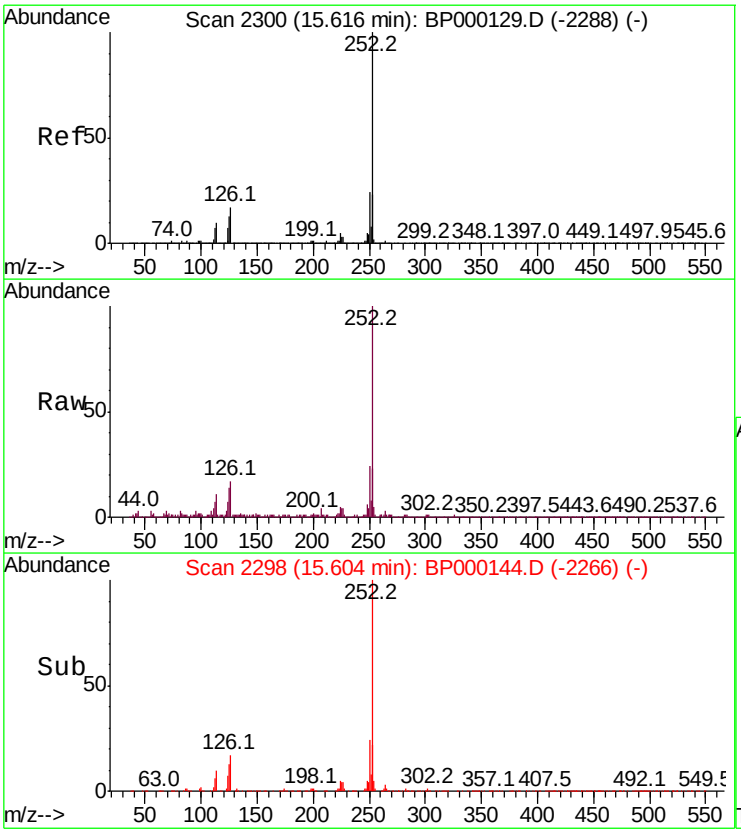
#89
Benzo(k)fluoranthene
Concen: 10.947 ng/ul
RT: 15.22 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BP000144.D
Acq: 09 Sep 2019 20:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 829062

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	13.0	10.2	15.2

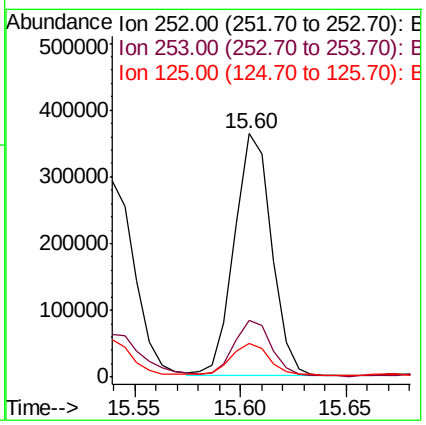


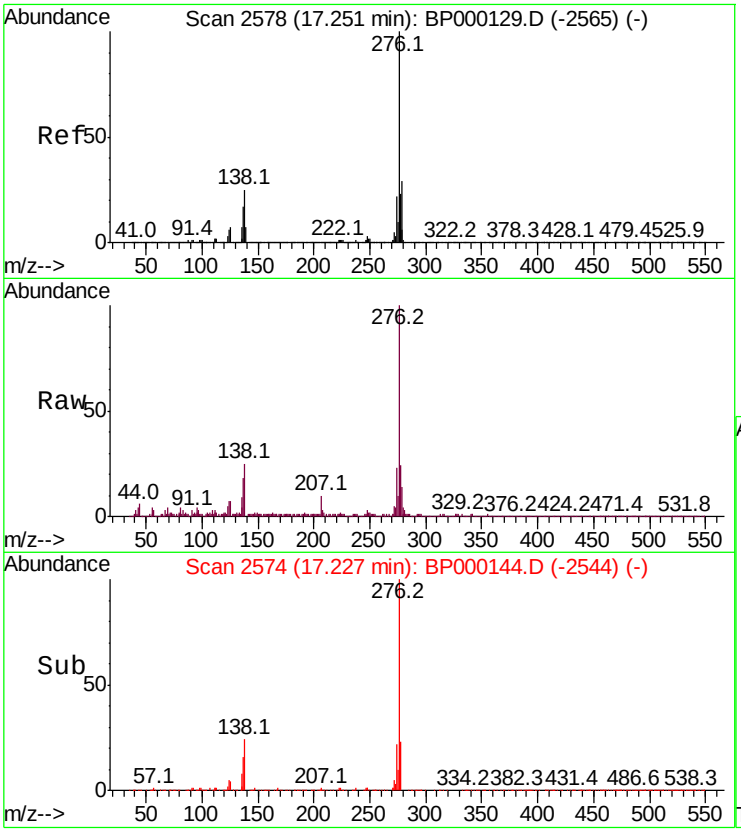


#91
Benzo(a)pyrene
Concen: 5.928 ng/ul
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP000144.D
Acq: 09 Sep 2019 20:02

Tgt Ion:252 Resp: 446843

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	13.9	10.2	15.2



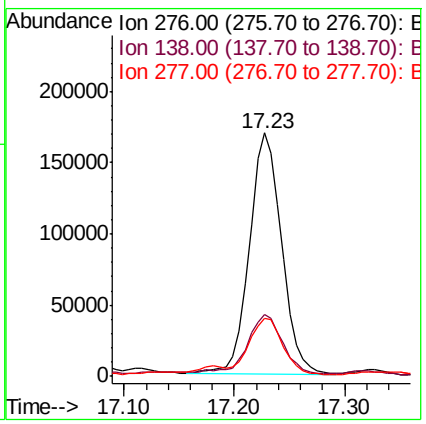


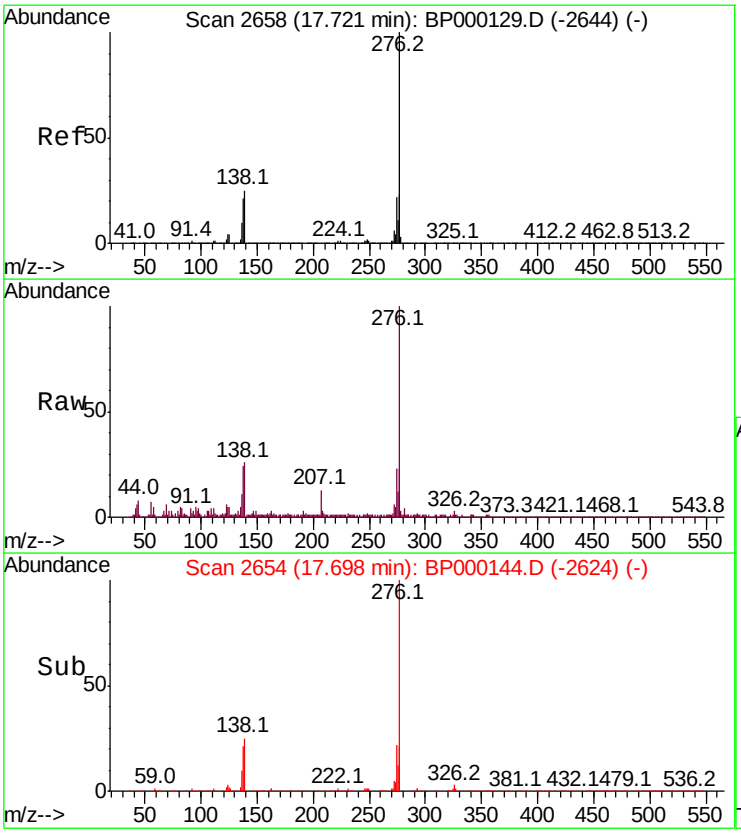
#92
Indeno(1,2,3-cd)pyrene
Concen: 4.009 ng/ul
RT: 17.23 min Scan# 2574
Delta R.T. -0.02 min
Lab File: BP000144.D
Acq: 09 Sep 2019 20:02

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 347636

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.0	30.0
277	24.0	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 4.035 ng/ul
RT: 17.70 min Scan# 2654
Delta R.T. -0.02 min
Lab File: BP000144.D
Acq: 09 Sep 2019 20:02

Tgt Ion:276 Resp: 291762

Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.0	30.0
277	23.1	19.1	28.7