Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000152.D
Acq On : 09 Sep 2019 23:17
Operator : HP/JU
Sample : K4634-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D25

Manual Integrations APPROVED
mohammad
9/10/2019 2:52:43 PM

Quant Time: Sep 10 05:34:30 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	431079	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1658698	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	897816	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1609186	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1191896	20.00	ng/ul	0.00
86) Perylene-d12	15.68	264	1246035	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.61	96	36205	2.98	ng/uL	0.00
5) Phenol-d5	6.50	99	618597	16.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	333390	17.36	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	516491	17.39	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	470513	17.06	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	236975	18.82	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	248415	20.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.01	165	446003	17.14	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	539519	16.76	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1269519	19.15	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1500431	18.31	ng/ul	0.00
52) 4-Nitrophenol-d4	10.02	143	124668	10.52	ng/ul	-0.01
58) Fluorene-d10	10.46	176	1039159	18.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	92255	12.47	ng/ul	0.00
71) Anthracene-d10	11.50	188	1457970	18.71	ng/ul	0.00
79) Pyrene-d10	12.89	212	1440976	20.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.58	264	1249064	19.34	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.52	94	118381	3.094	ng/ul	97
14) Acetophenone	7.29	105	46999	1.136	ng/ul	98
45) Dimethylphthalate	9.65	163	289295	4.324	ng/ul	98
50) Acenaphthene	9.97	153	107133	1.806	ng/ul	99
70) Phenanthrene	11.47	178	2086274	21.923	ng/ul	99
72) Anthracene	11.52	178	281985	3.011	ng/ul	99
75) Carbazole	11.67	167	268069	3.348	ng/ul	99
77) Fluoranthene	12.68	202	3940157	41.051	ng/ul	97
80) Pyrene	12.92	202	3225873	35.874	ng/ul	98
83) Benzo(a)anthracene	14.13	228	1612894	18.694	ng/ul	100
85) Chrysene	14.16	228	1941651	24.525	ng/ul	99
88) Benzo(b)fluoranthene	15.23	252	2791502	33.802	ng/ul	98
89) Benzo(k)fluoranthene	15.25	252	623587m	8.010	ng/ul	
91) Benzo(a)pyrene	15.62	252	1353676	17.470	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	17.24	276	1110672	12.460	ng/ul	100
93) Dibenzo(a,h)anthracene	17.25	278	320630	4.343	ng/ul	98
94) Benzo(g,h,i)perylene	17.70	276	1089718	14.662	ng/ul	99

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

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Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
F2D25

Manual Integrations APPROVED
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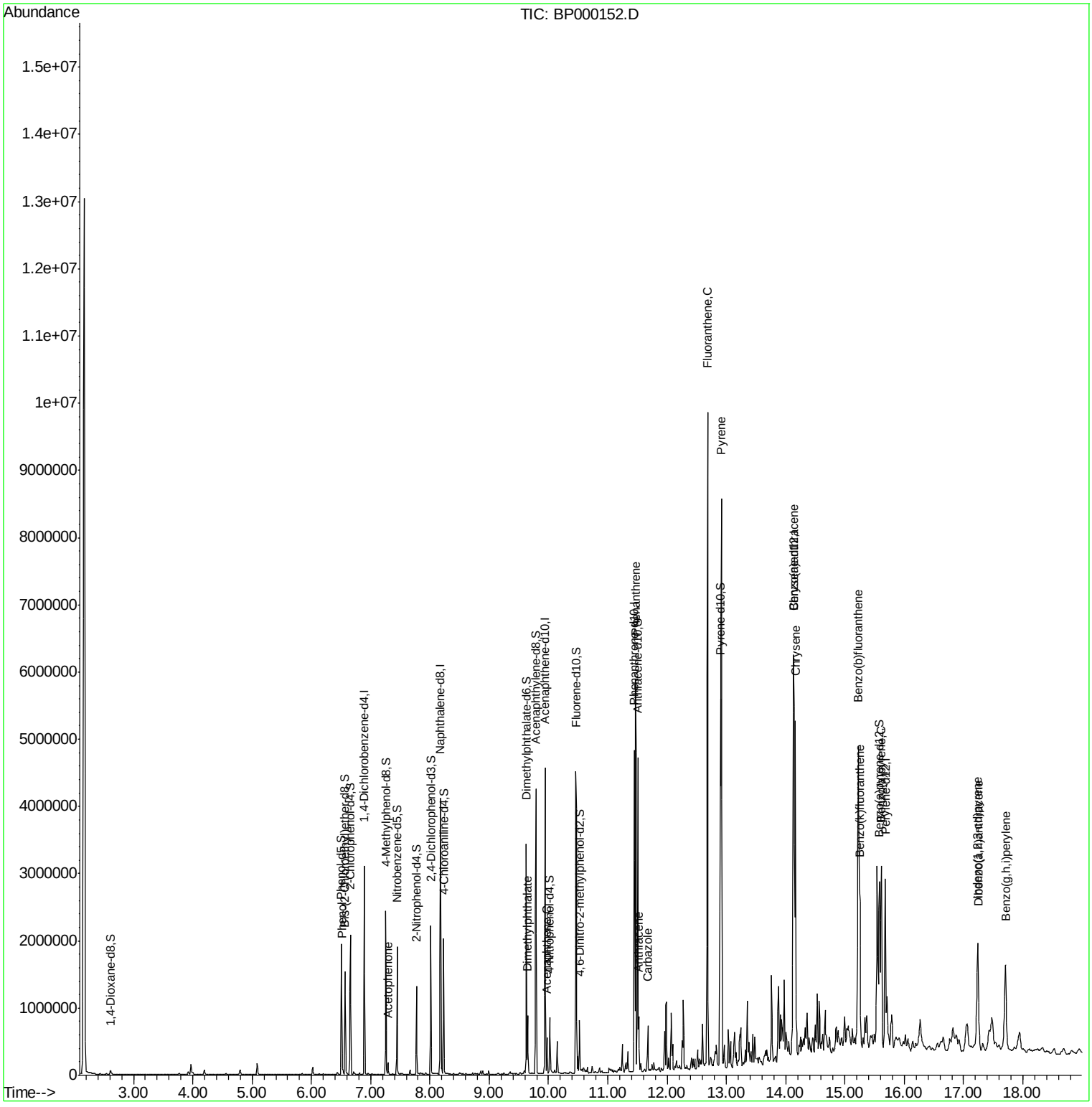
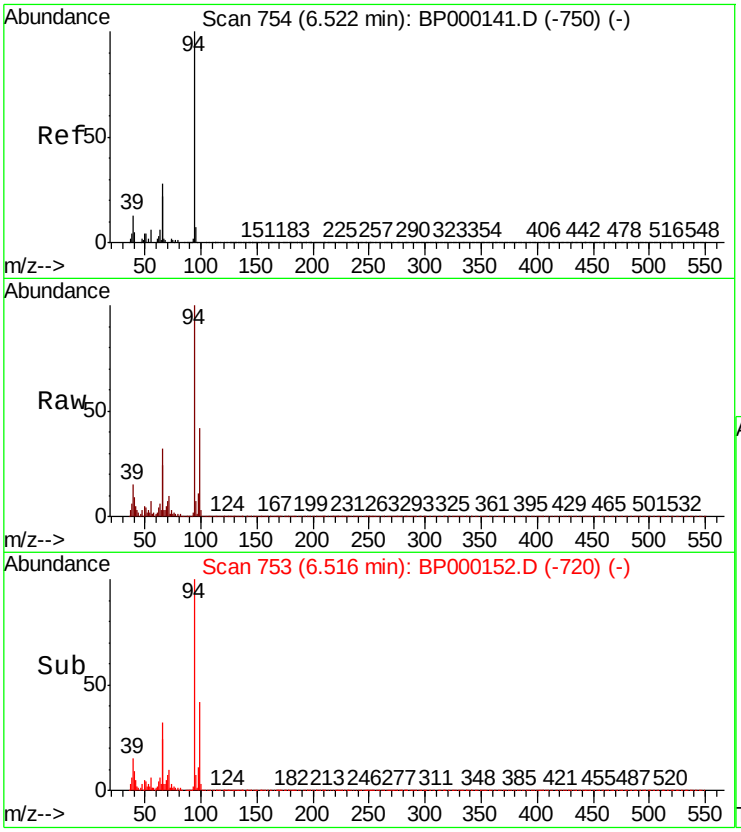
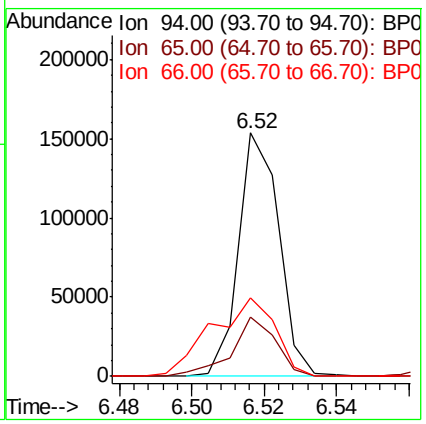




#6
Phenol
Concen: 3.094 ng/ul
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion: 94 Resp: 118381

Ion	Ratio	Lower	Upper
94	100		
65	24.2	18.8	28.2
66	32.3	24.2	36.2



Instrument :
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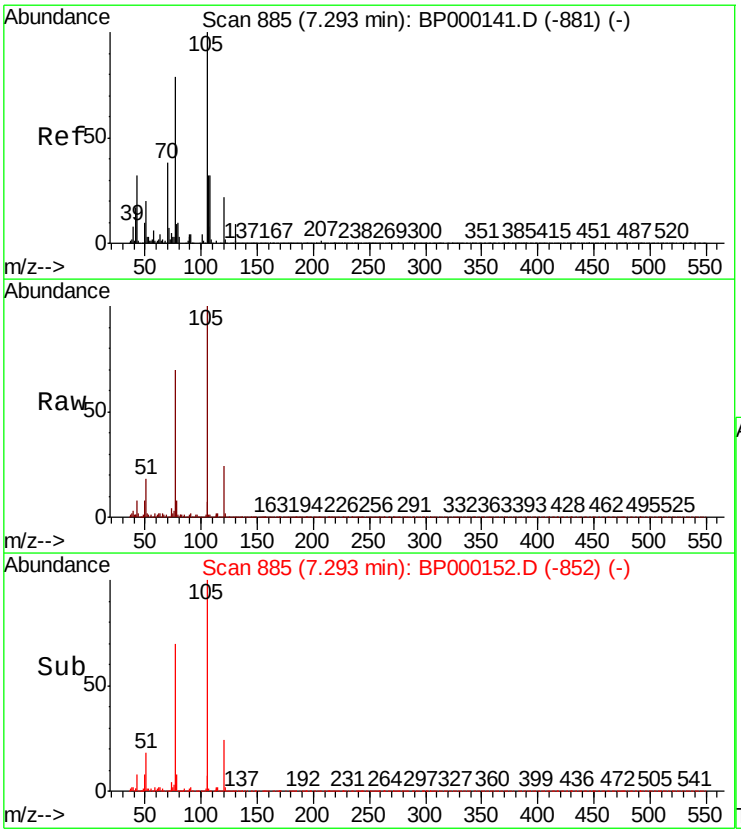
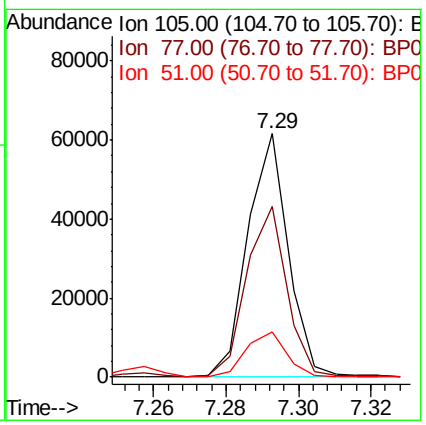
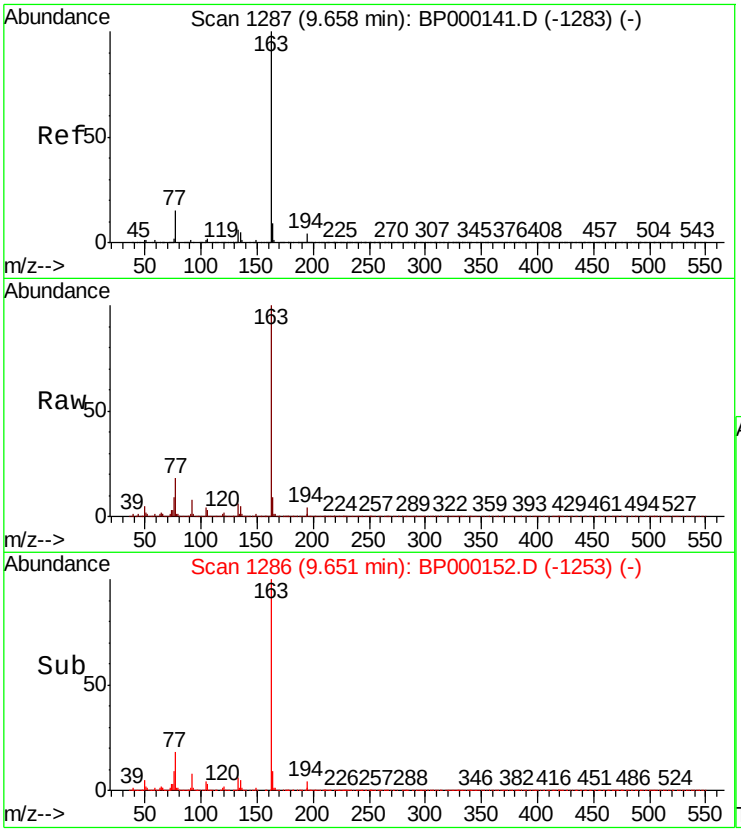


#14
Acetophenone
Concen: 1.136 ng/ul
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:105 Resp: 46999

Ion	Ratio	Lower	Upper
105	100		
77	69.9	57.2	85.8
51	18.4	14.7	22.1

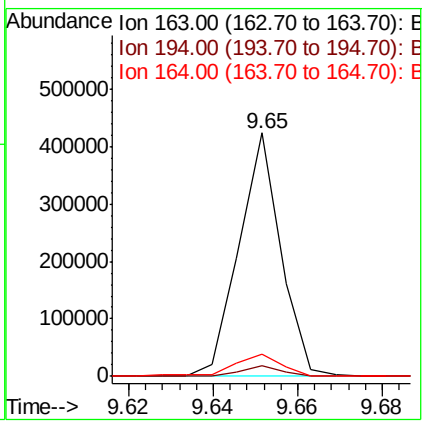




#45
Dimethylphthalate
Concen: 4.324 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:163 Resp: 289295

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.3	8.4	12.6



Instrument :
BNA_P
ClientSampleId :
F2D25

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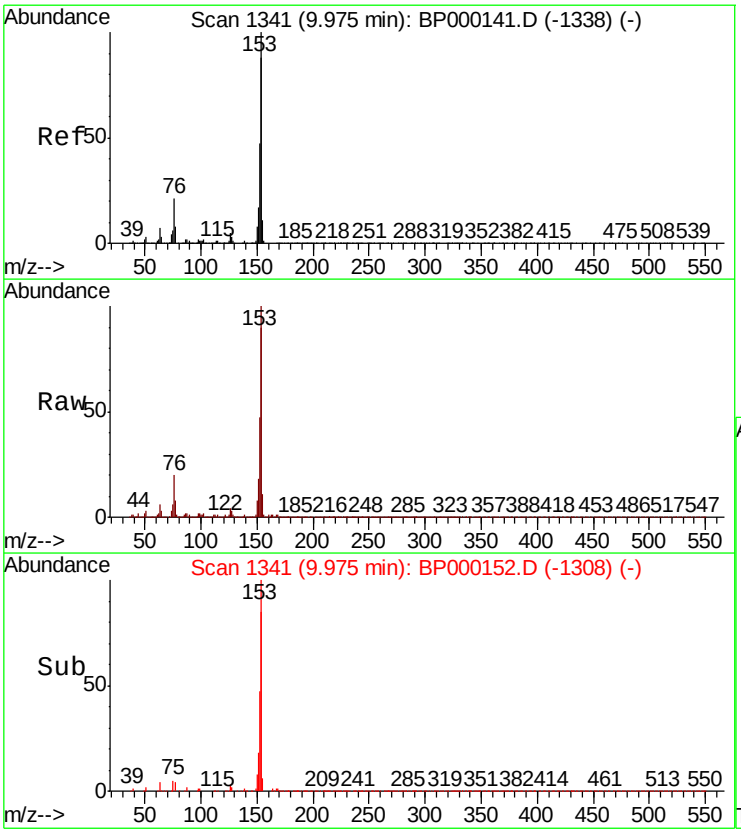
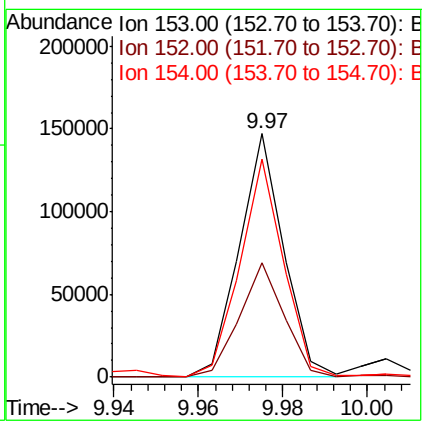
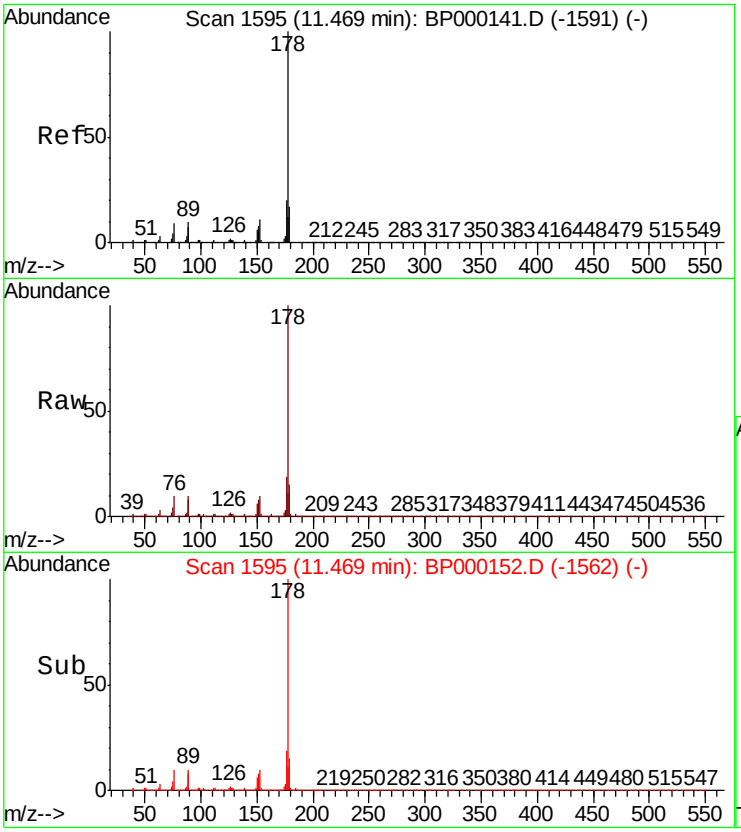


#50
Acenaphthene
Concen: 1.806 ng/ul
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:153 Resp: 107133

Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.0	57.0
154	89.8	72.6	108.8

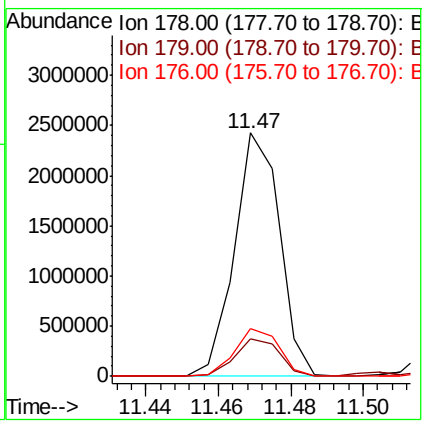




#70
Phenanthrene
Concen: 21.923 ng/ul
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:178 Resp: 2086274

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.5	18.7
176	19.5	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
F2D25

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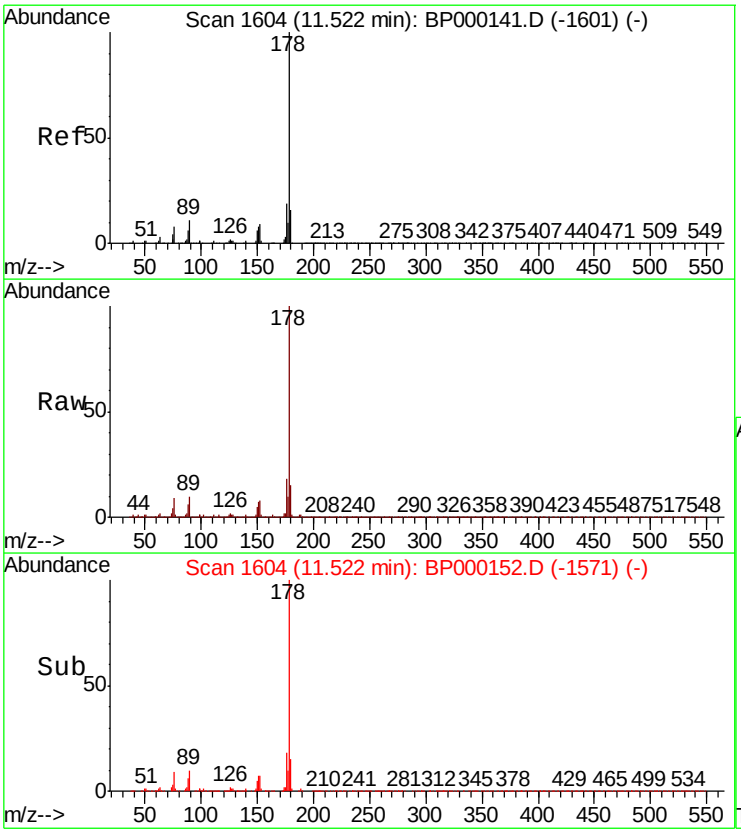
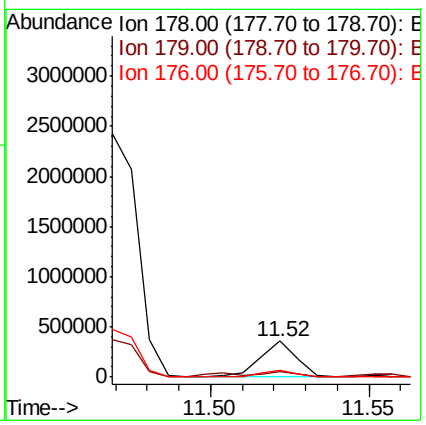
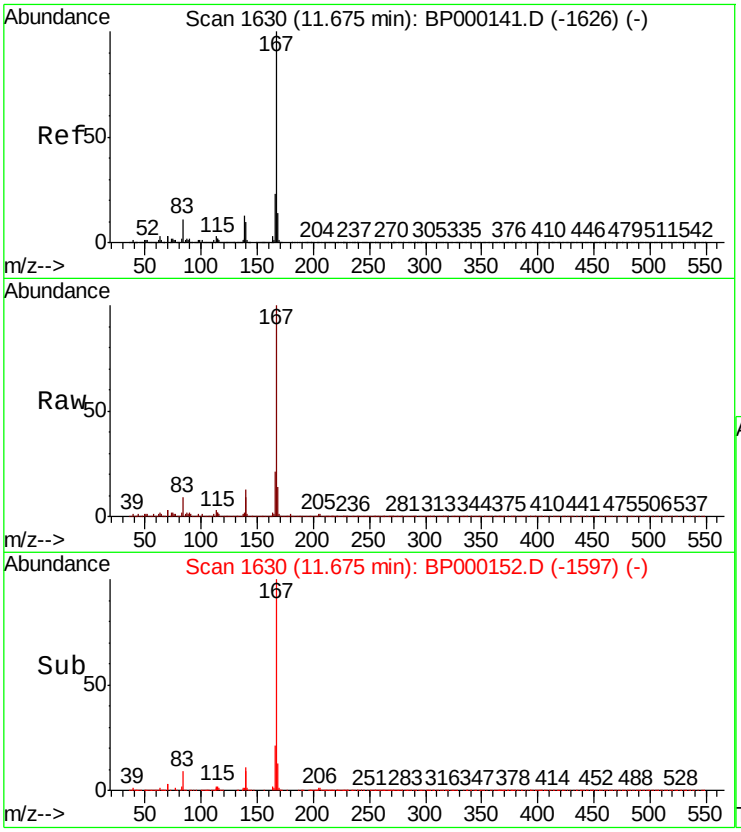


#72
Anthracene
Concen: 3.011 ng/ul
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:178 Resp: 281985

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.4	15.1	22.7

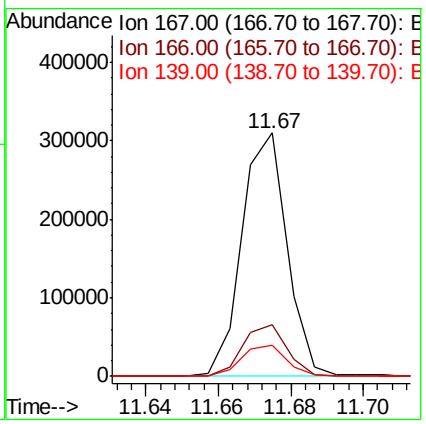




#75
Carbazole
Concen: 3.348 ng/ul
RT: 11.67 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:167 Resp: 268069

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.3	25.9
139	12.5	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
F2D25

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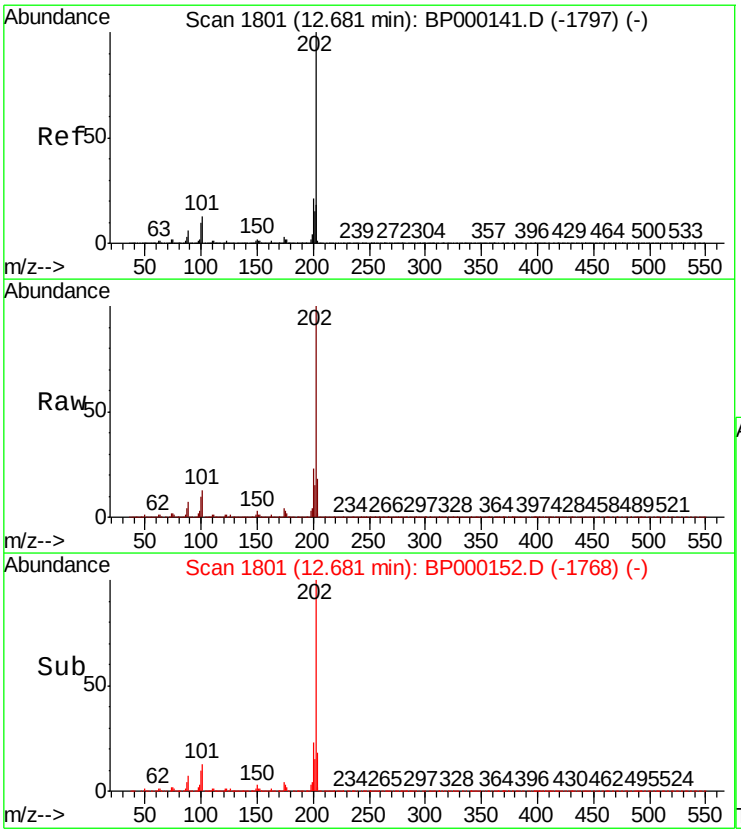
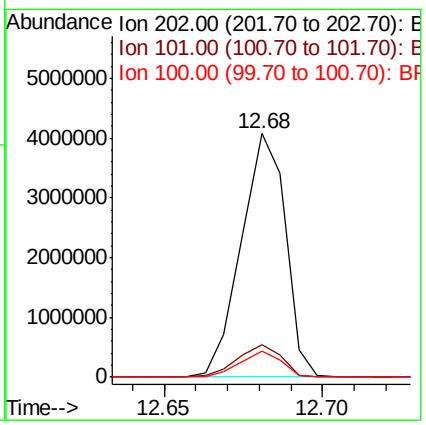
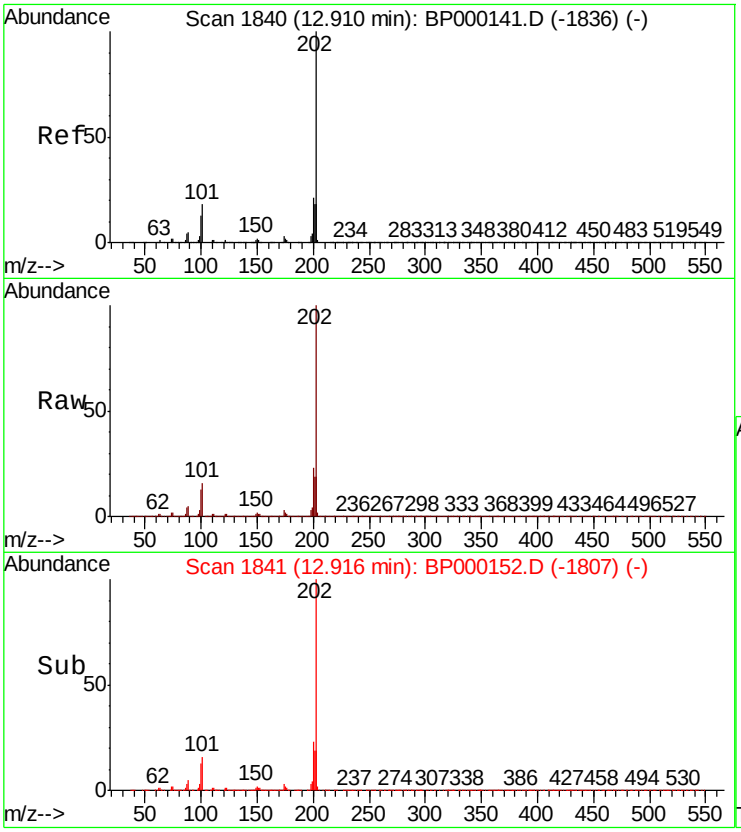


#77
Fluoranthene
Concen: 41.051 ng/ul
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:202 Resp: 3940157

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.0	15.0
100	10.5	7.4	11.2

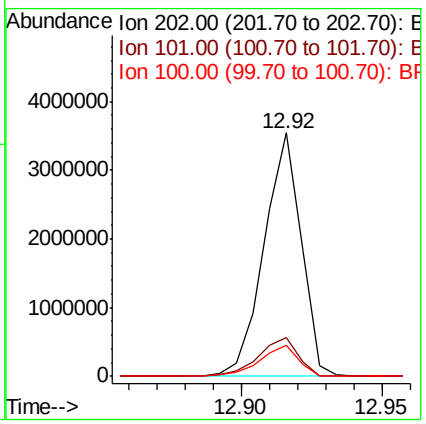




#80
Pyrene
Concen: 35.874 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:202 Resp: 3225873

Ion	Ratio	Lower	Upper
202	100		
101	15.7	13.4	20.0
100	12.5	10.8	16.2



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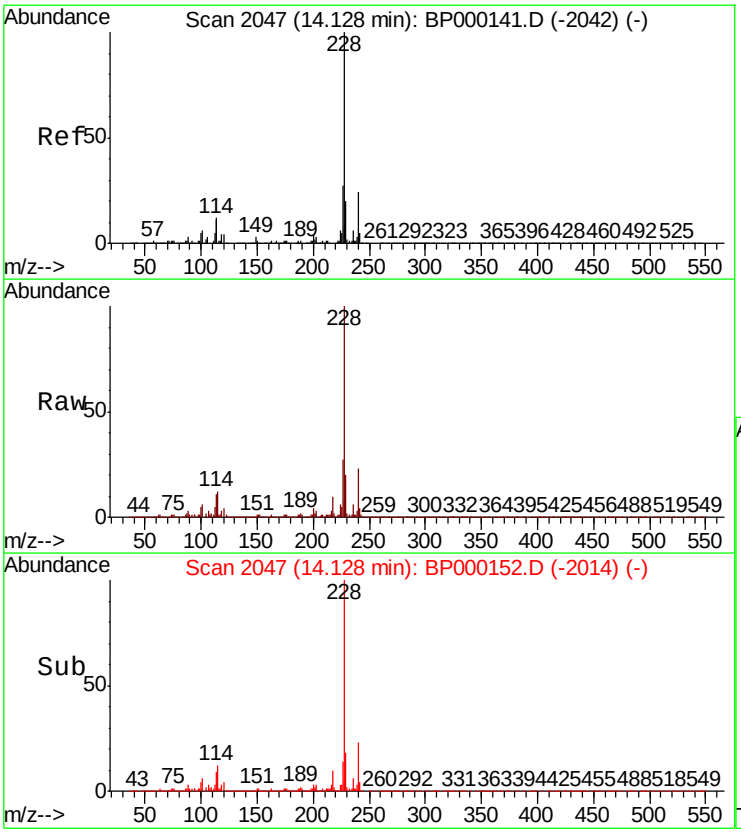
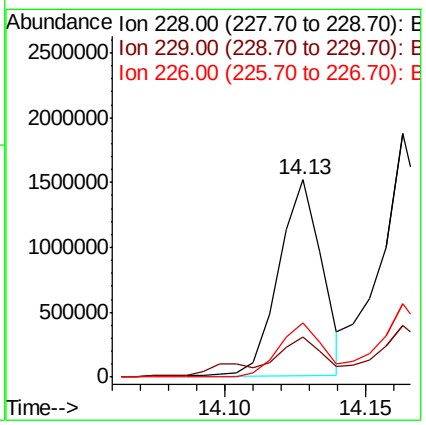
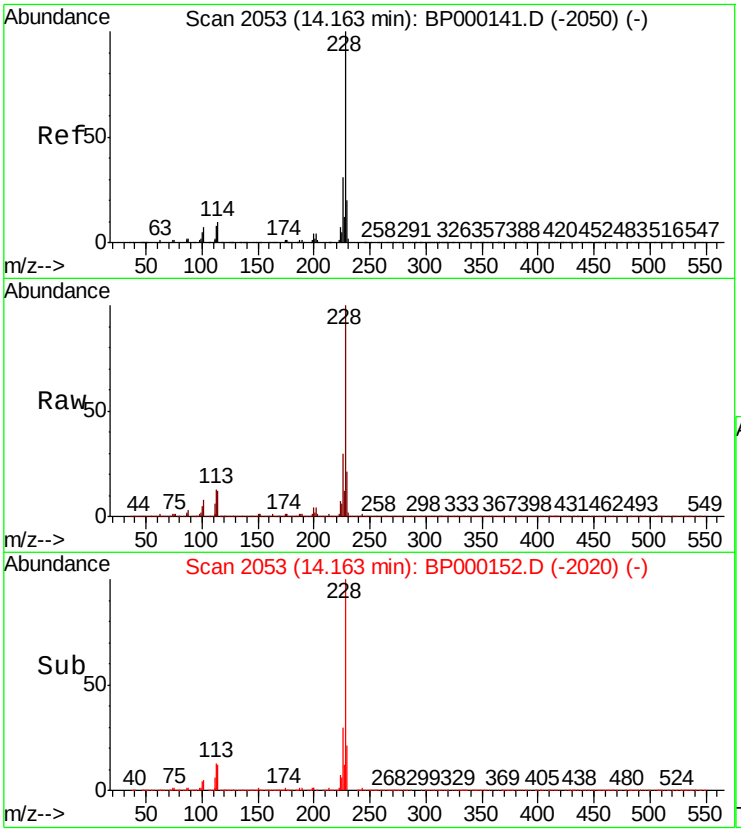


#83
Benzo(a)anthracene
Concen: 18.694 ng/ul
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:228 Resp: 1612894

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.9	23.9
226	27.4	22.1	33.1

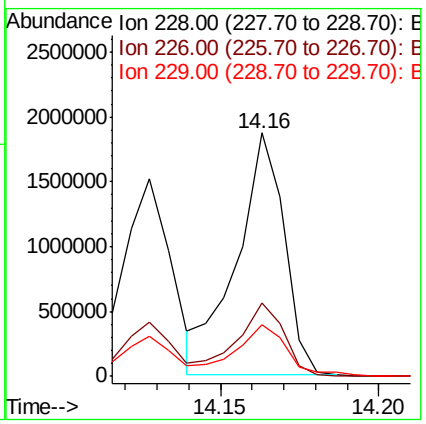




#85
Chrysene
Concen: 24.525 ng/ul
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:228 Resp: 1941651

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	21.1	16.0	24.0



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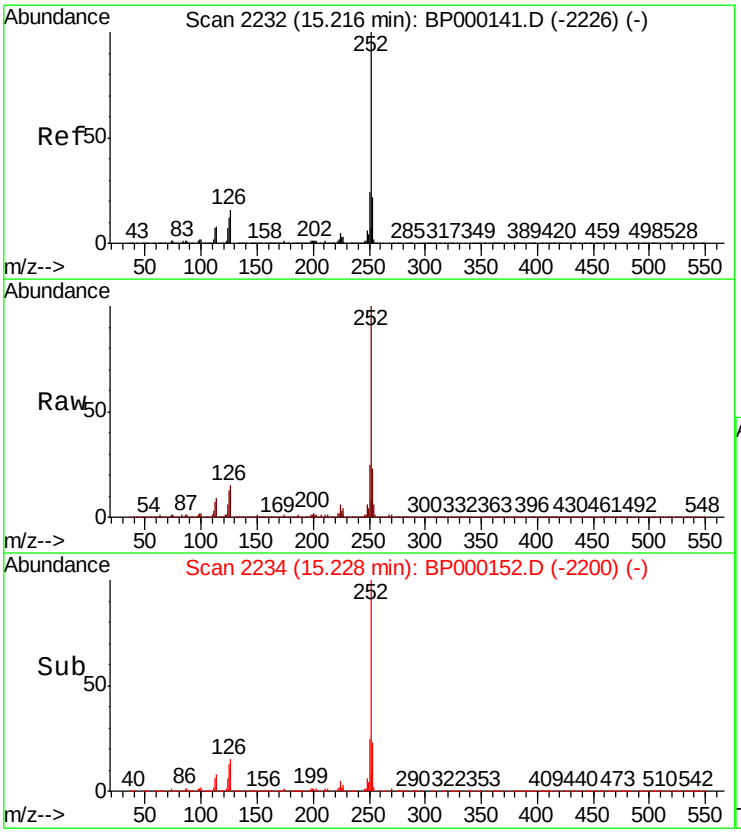
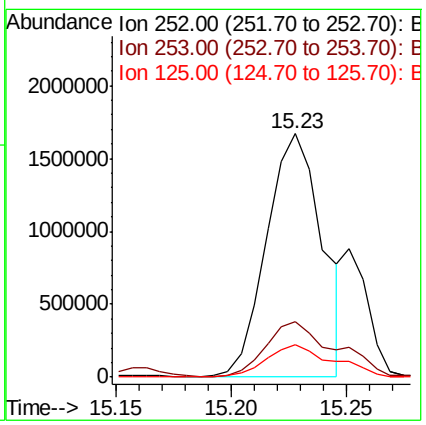
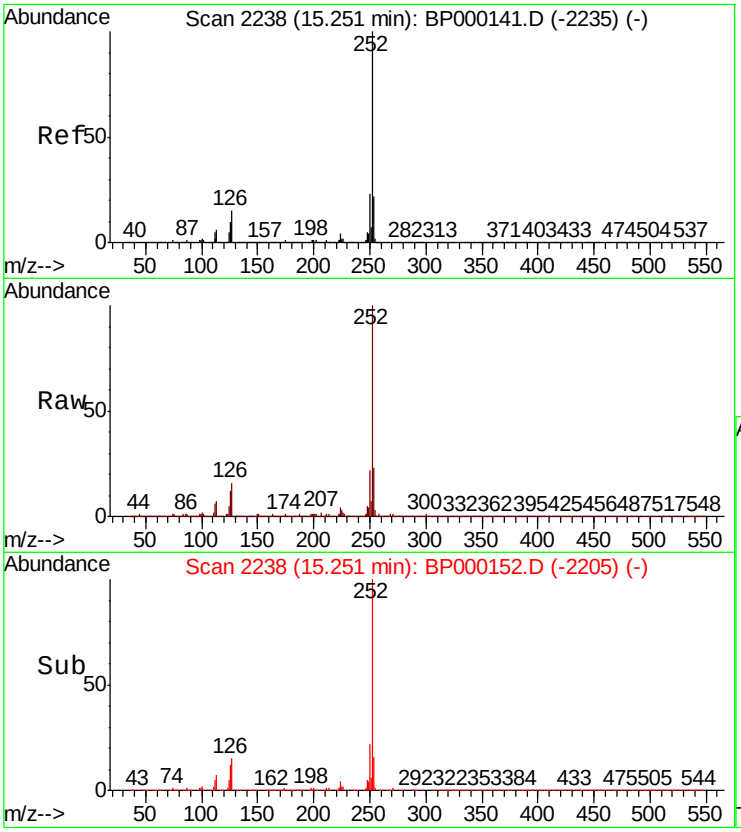


#88
Benzo(b)fluoranthene
Concen: 33.802 ng/ul
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:252 Resp: 2791502

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	13.1	9.9	14.9

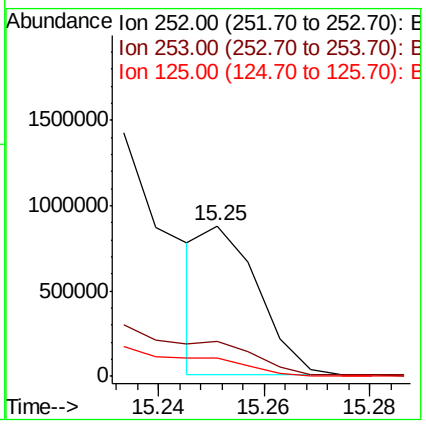




#89
Benzo(k)fluoranthene
Concen: 8.010 ng/ul m
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:252 Resp: 623587

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.9	10.2	15.2



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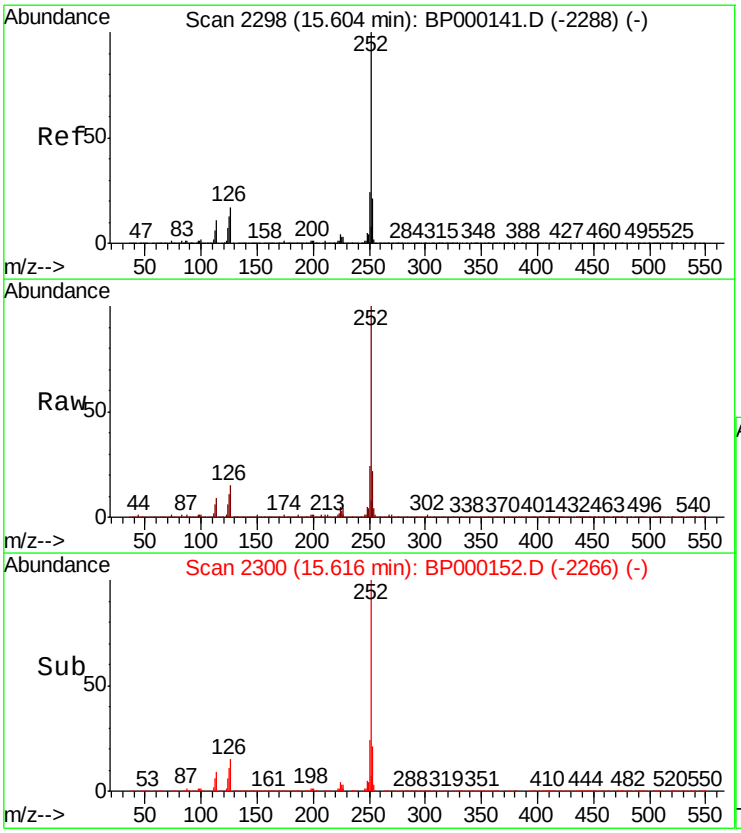
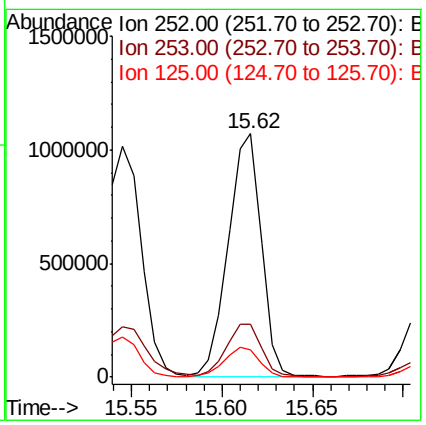
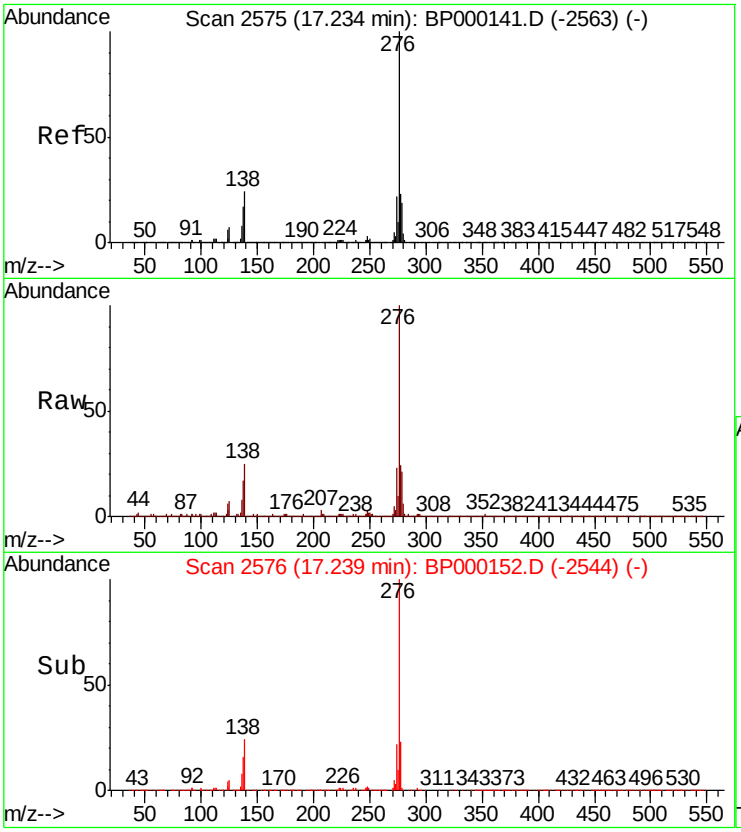


#91
Benzo(a)pyrene
Concen: 17.470 ng/ul
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:252 Resp: 1353676

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.4	10.2	15.2

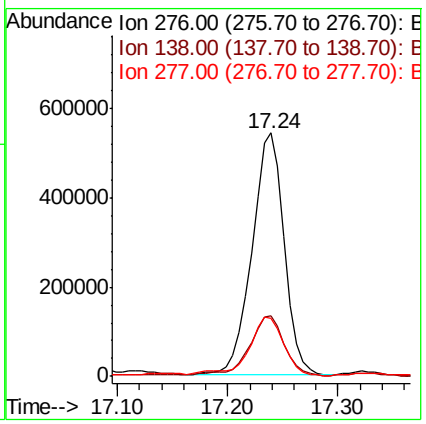




#92
Indeno(1,2,3-cd)pyrene
Concen: 12.460 ng/ul
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:276 Resp: 1110672

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.0	30.0
277	23.9	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
F2D25

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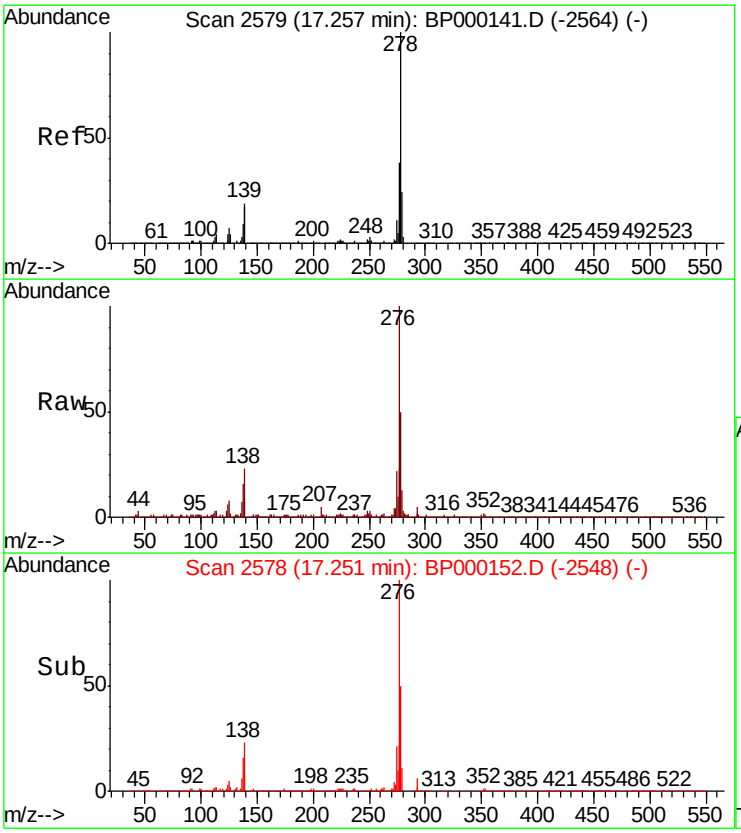
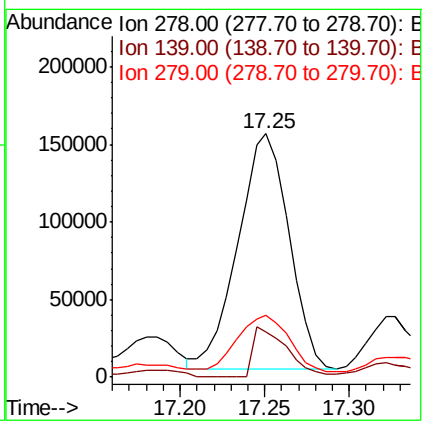
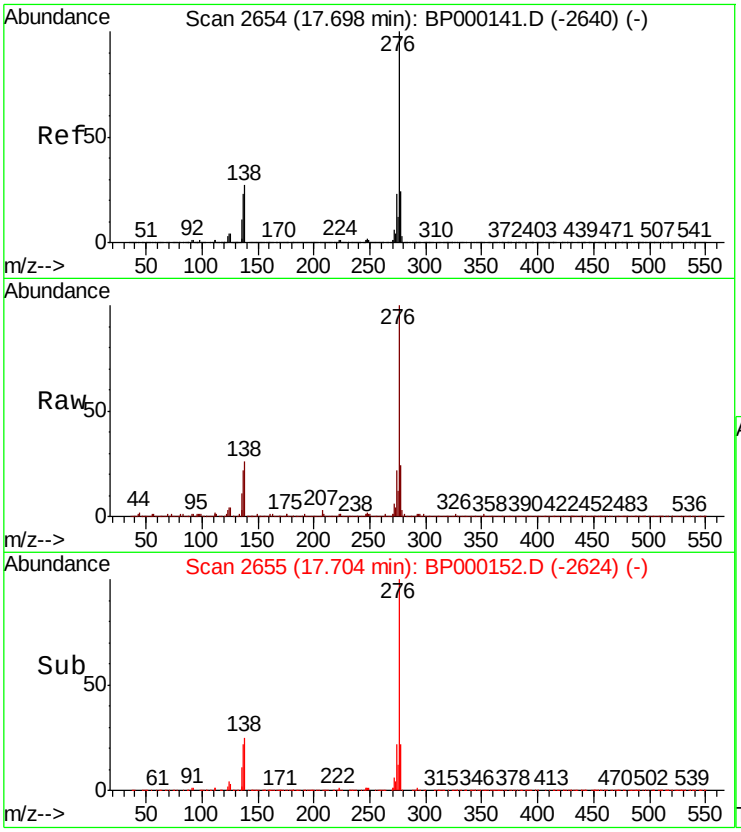


#93
Dibenzo(a,h)anthracene
Concen: 4.343 ng/ul
RT: 17.25 min Scan# 2578
Delta R.T. -0.02 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:278 Resp: 320630

Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.1	22.7
279	25.5	19.2	28.8

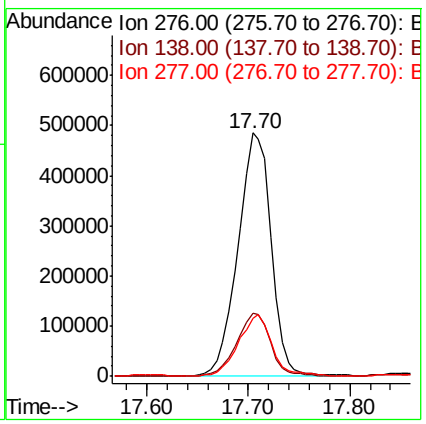




#94
Benzo(g,h,i)perylene
Concen: 14.662 ng/ul
RT: 17.70 min Scan# 2655
Delta R.T. -0.02 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:276 Resp: 1089718

Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.0	30.0
277	23.6	19.1	28.7



Instrument :
BNA_P
ClientSampleId :
F2D25

Manual Integrations APPROVED
mohammad
9/10/2019 2:52:43 PM