Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000146.D
Acq On : 09 Sep 2019 20:51
Operator : HP/JU
Sample : K4633-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D01MS

Manual Integrations APPROVED
mohammad
9/10/2019 2:52:28 PM

Quant Time: Sep 10 04:56:39 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	327250	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1281538	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	710764	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1305645	20.00	ng/ul	0.00
78) Chrysene-d12	14.13	240	1077439	20.00	ng/ul	-0.01
86) Perylene-d12	15.67	264	1113786	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.60	96	52885	5.73	ng/uL	0.00
5) Phenol-d5	6.51	99	920061	33.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	494389	33.92	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	752681	33.39	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	491121	23.45	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	370344	38.06	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	387999	40.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	656292	32.64	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	692885	27.87	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1907819	36.35	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2249278	34.68	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	307387	32.78	ng/ul	0.00
58) Fluorene-d10	10.47	176	1587918	35.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	197694	32.94	ng/ul	0.00
71) Anthracene-d10	11.50	188	1961257	31.02	ng/ul	0.00
79) Pyrene-d10	12.90	212	2350162	36.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.59	264	2142753	37.12	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.52	94	1015185	34.946	ng/ul	99
10) 2-Chlorophenol	6.68	128	732460	30.781	ng/ul	96
15) N-Nitroso-di-n-propylamine	7.29	70	510710	34.609	ng/ul	99
33) 4-Chloro-3-methylphenol	8.72	107	619952	30.306	ng/ul	100
45) Dimethylphthalate	9.65	163	773065	14.597	ng/ul	100
50) Acenaphthene	9.98	153	1541219	32.825	ng/ul	99
53) 4-Nitrophenol	10.04	109	223944	32.085	ng/ul	98
55) 2,4-Dinitrotoluene	10.12	165	494323	35.837	ng/ul#	95
69) Pentachlorophenol	11.25	266	280039	30.981	ng/ul	98
70) Phenanthrene	11.47	178	852604	11.042	ng/ul	98
72) Anthracene	11.52	178	124362	1.637	ng/ul	99
75) Carbazole	11.67	167	122721	1.889	ng/ul	99
77) Fluoranthene	12.68	202	1831966	23.524	ng/ul	99
80) Pyrene	12.92	202	3942374	48.499	ng/ul	100
83) Benzo(a)anthracene	14.13	228	892002	11.437	ng/ul	99
85) Chrysene	14.16	228	1002877	14.013	ng/ul	98
88) Benzo(b)fluoranthene	15.22	252	1595073	21.608	ng/ul	100
89) Benzo(k)fluoranthene	15.25	252	422761m	6.075	ng/ul	
91) Benzo(a)pyrene	15.61	252	916059	13.226	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	17.23	276	766644	9.622	ng/ul	97
93) Dibenzo(a,h)anthracene	17.25	278	204143	3.093	ng/ul	98
94) Benzo(g,h,i)perylene	17.70	276	677657	10.200	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (LSC Reviewed)

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Manual Integrations APPROVED
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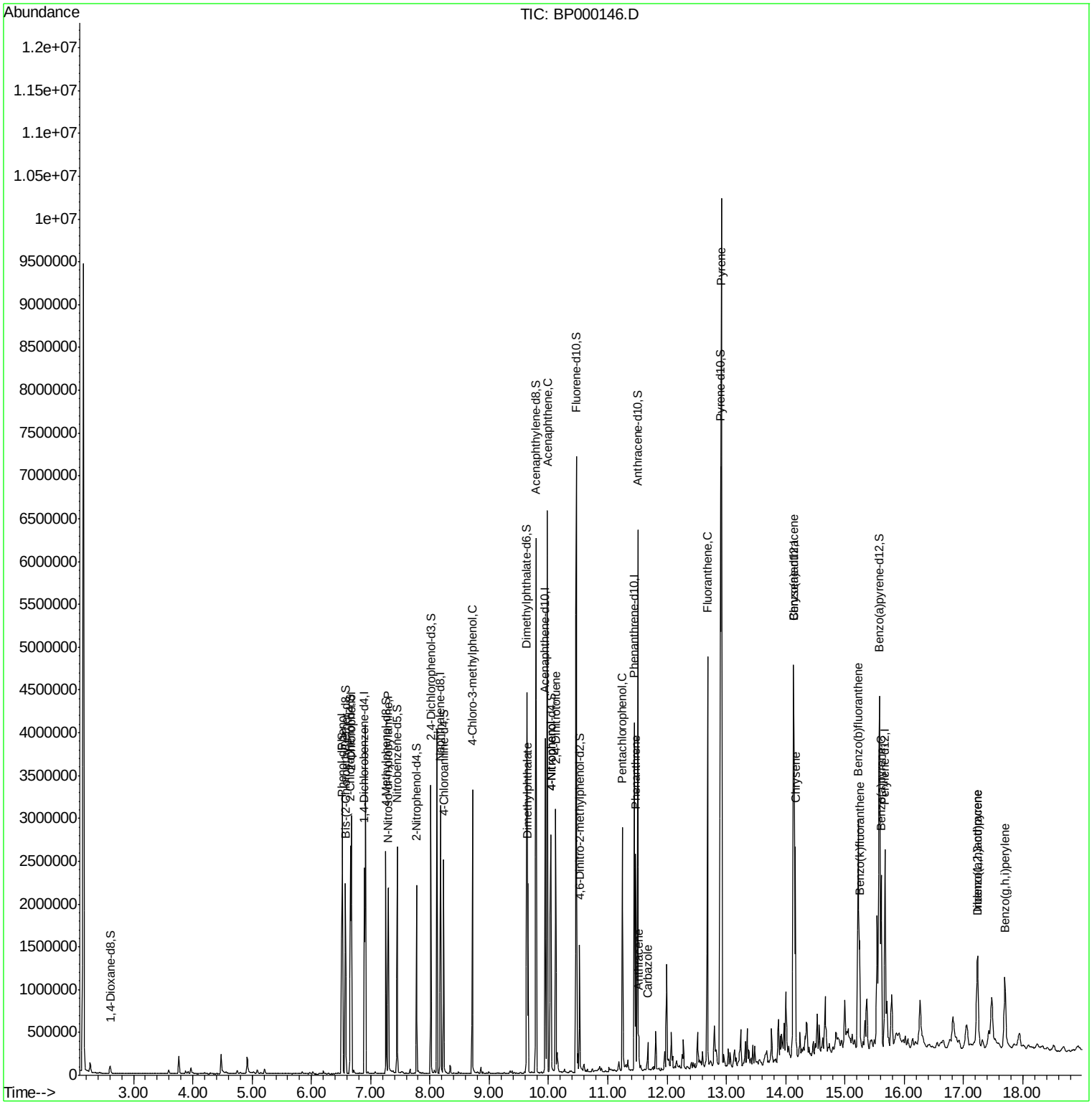
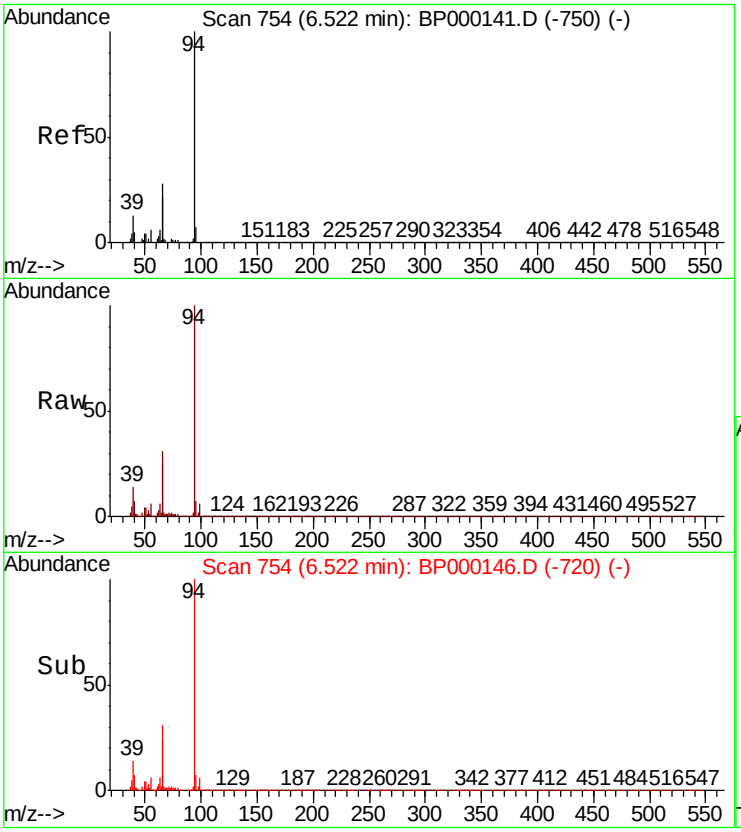
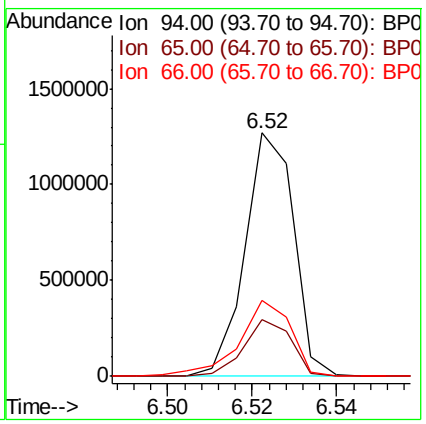




#6
Phenol
Concen: 34.946 ng/ul
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion: 94 Resp: 1015185

Ion	Ratio	Lower	Upper
94	100		
65	23.5	18.8	28.2
66	31.4	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
F2D01MS

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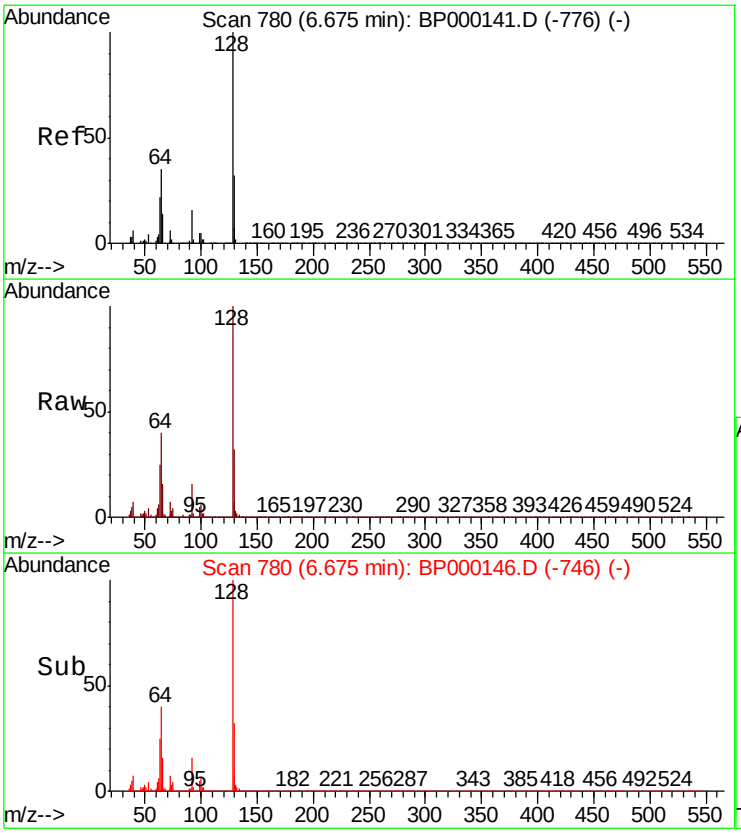
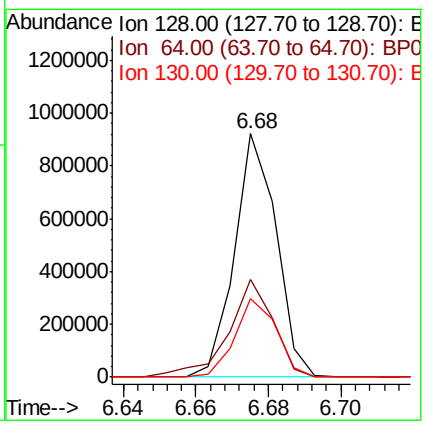
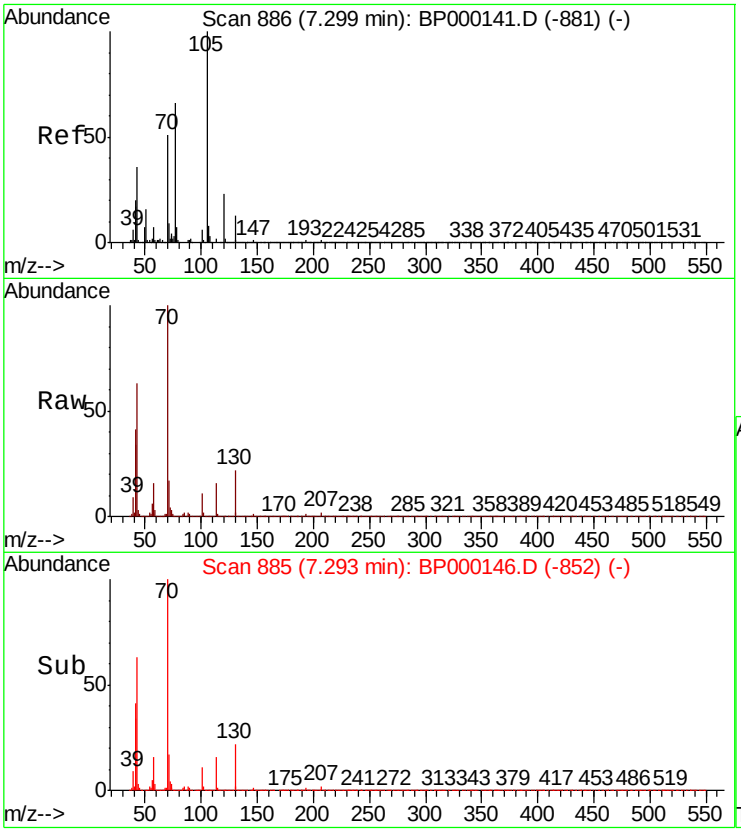


#10
2-Chlorophenol
Concen: 30.781 ng/ul
RT: 6.68 min Scan# 780
Delta R.T. 0.00 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:128 Resp: 732460

Ion	Ratio	Lower	Upper
128	100		
64	40.3	29.6	44.4
130	32.0	26.2	39.4

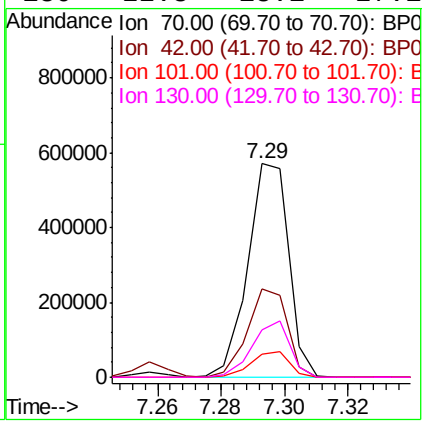




#15
N-Nitroso-di-n-propylamine
Concen: 34.609 ng/ul
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion: 70 Resp: 510710

Ion	Ratio	Lower	Upper
70	100		
42	41.5	33.7	50.5
101	10.9	8.4	12.6
130	22.3	18.1	27.1



Instrument :
BNA_P
ClientSampleId :
F2D01MS

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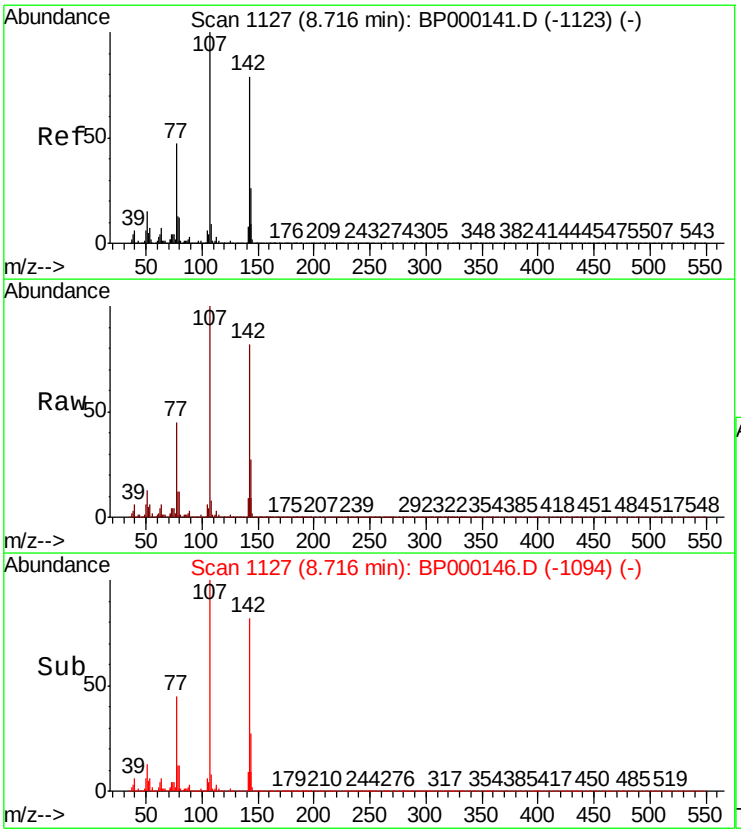
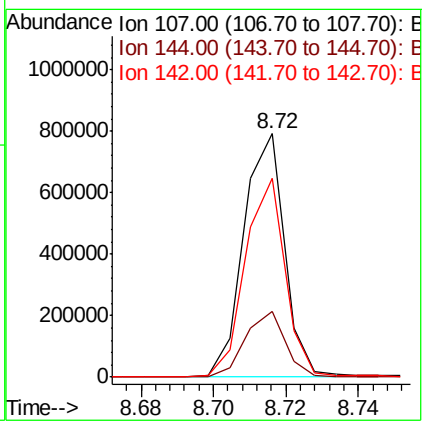
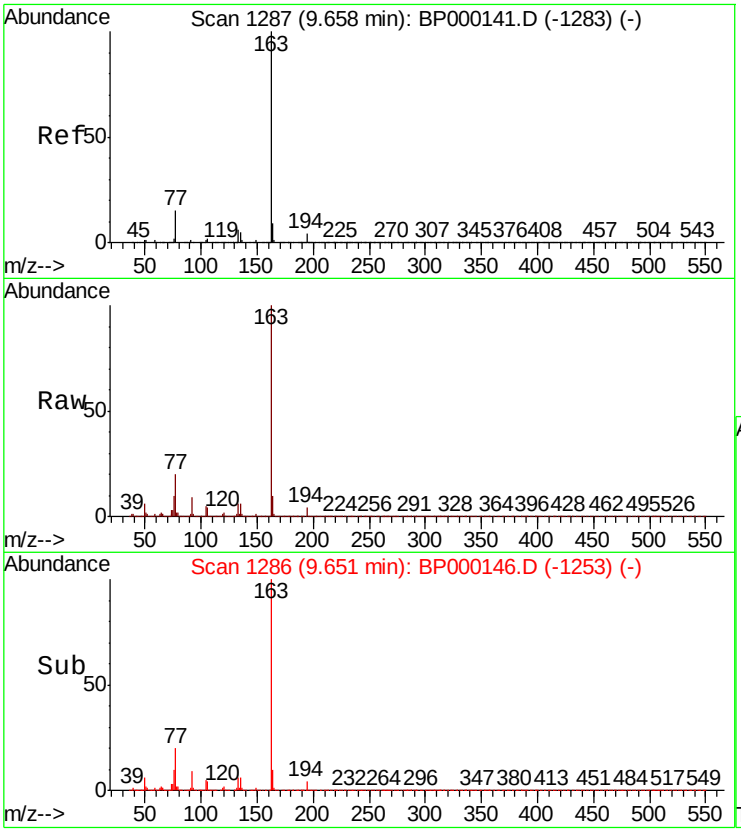


#33
4-Chloro-3-methylphenol
Concen: 30.306 ng/ul
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:107 Resp: 619952

Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.5	32.3
142	81.9	65.8	98.8

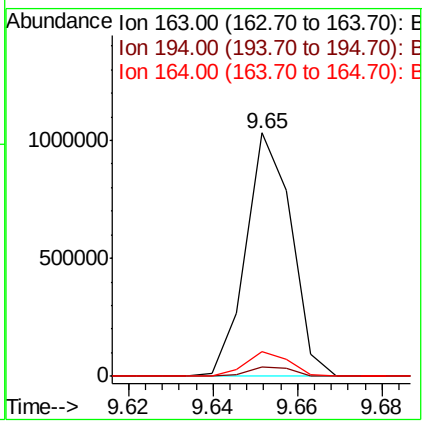




#45
Dimethylphthalate
Concen: 14.597 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:163 Resp: 773065

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	8.4	12.6



Instrument :
BNA_P
ClientSampleId :
F2D01MS

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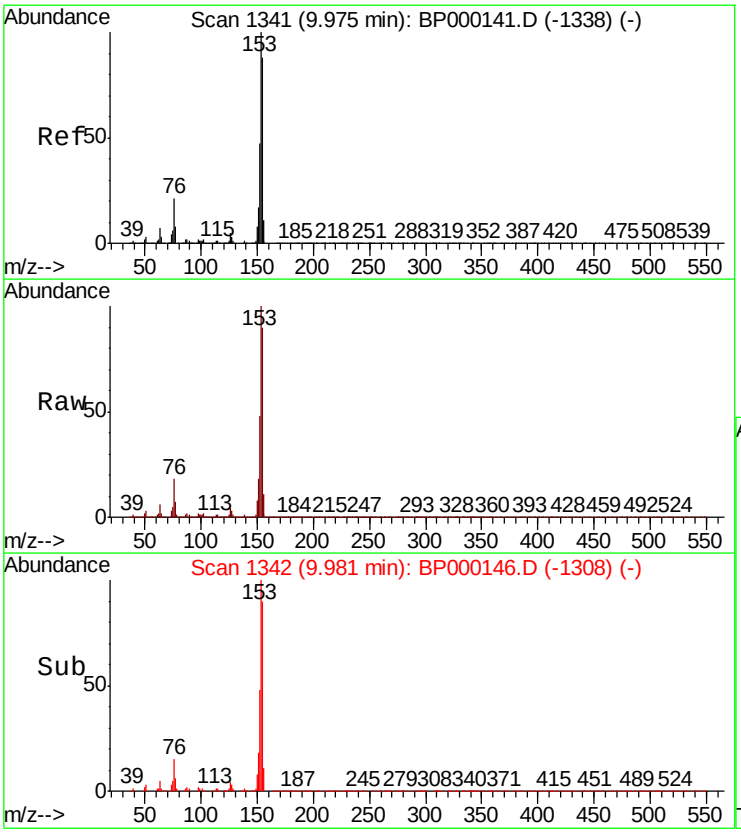
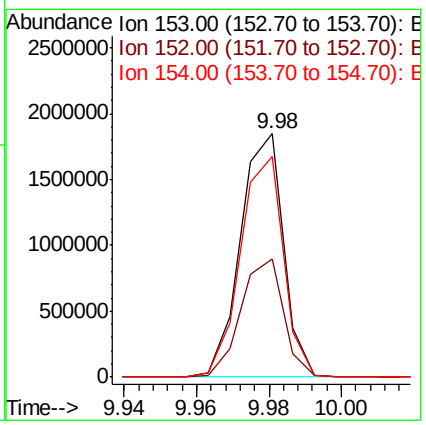
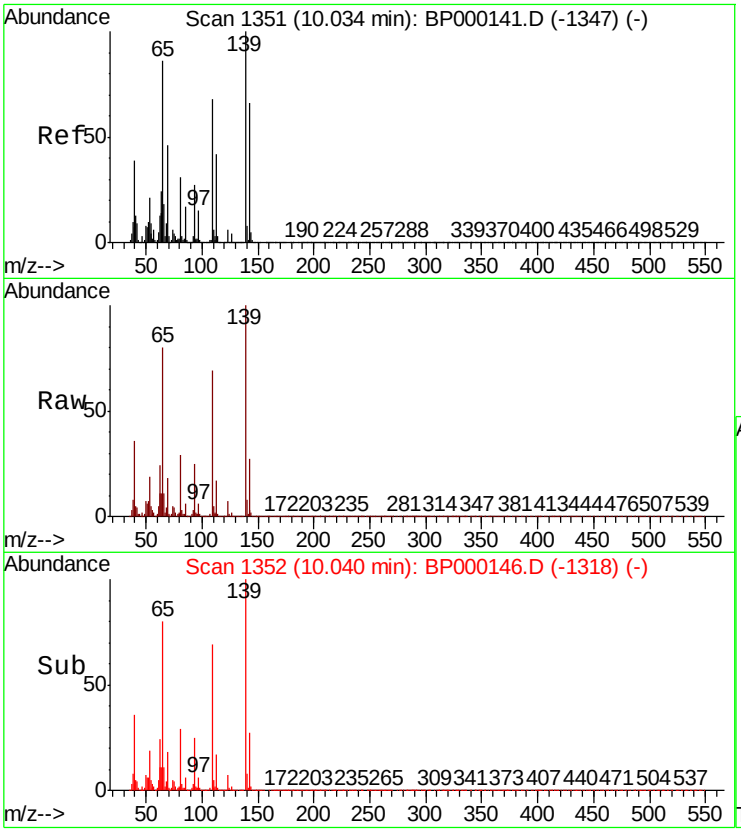


#50
Acenaphthene
Concen: 32.825 ng/ul
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:153 Resp: 1541219

Ion	Ratio	Lower	Upper
153	100		
152	48.4	38.0	57.0
154	90.4	72.6	108.8





#53
4-Nitrophenol
Concen: 32.085 ng/ul
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:109 Resp: 223944

Ion	Ratio	Lower	Upper
109	100		
139	145.2	118.6	177.8
65	116.7	95.4	143.2

Instrument :
BNA_P
ClientSampleId :
F2D01MS

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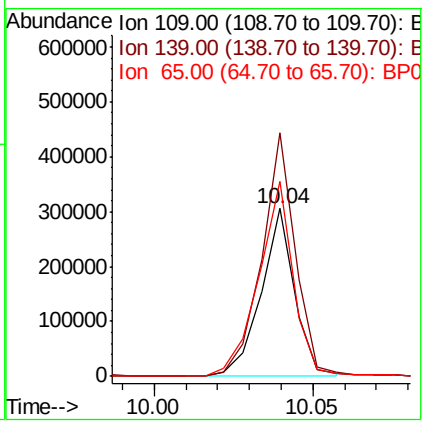
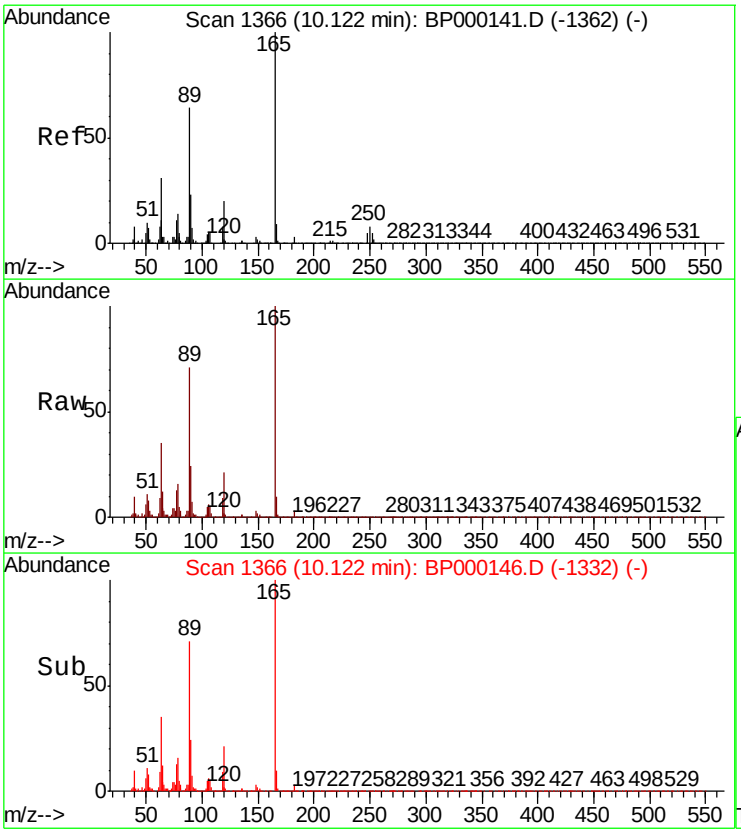
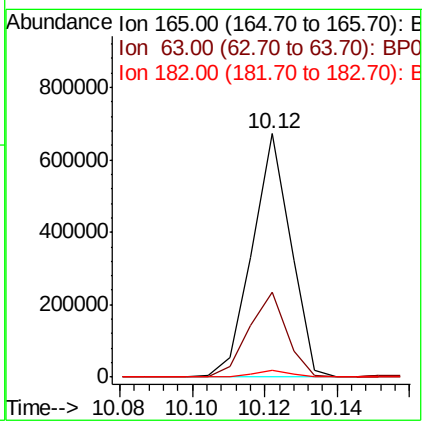


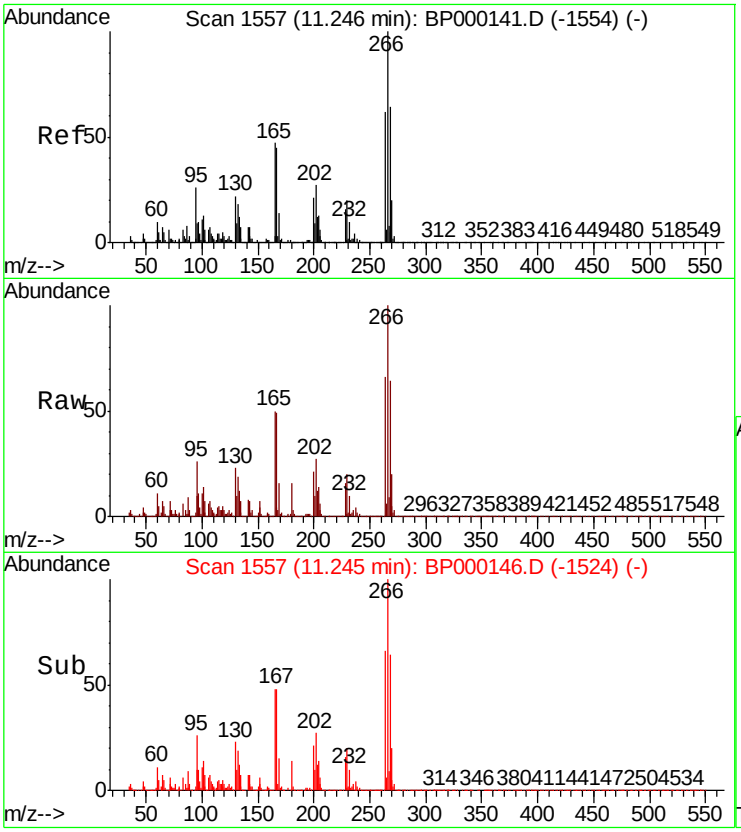


#55
2,4-Dinitrotoluene
Concen: 35.837 ng/ul
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:165 Resp: 494323

Ion	Ratio	Lower	Upper
165	100		
63	34.8	25.4	38.0
182	2.8	3.1	4.7#

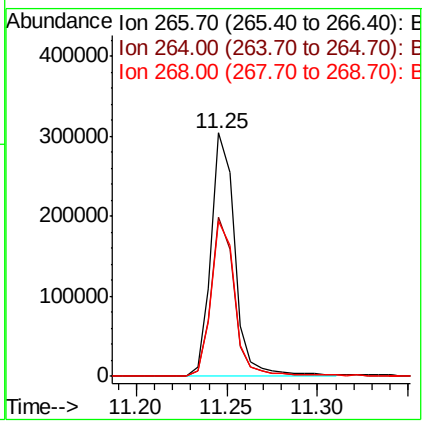




#69
Pentachlorophenol
Concen: 30.981 ng/ul
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:266 Resp: 280039

Ion	Ratio	Lower	Upper
266	100		
264	65.6	50.6	75.8
268	63.7	51.2	76.8



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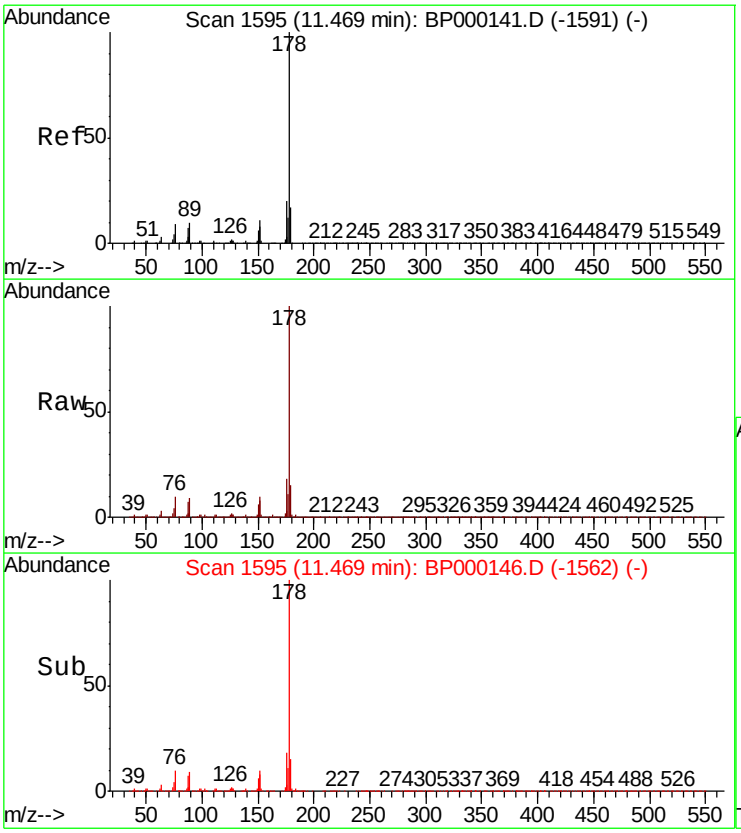
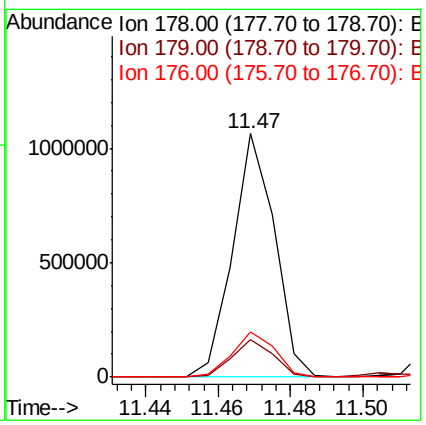
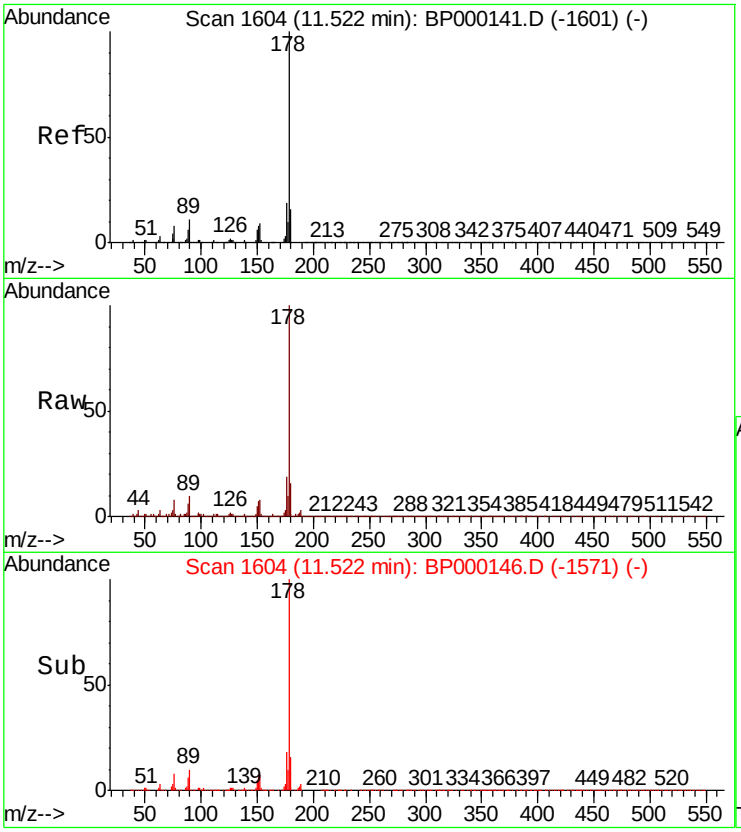


#70
Phenanthrene
Concen: 11.042 ng/ul
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:178 Resp: 852604

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	18.5	15.7	23.5

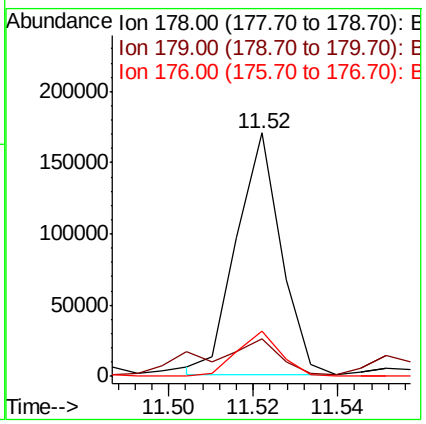




#72
Anthracene
Concen: 1.637 ng/ul
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:178 Resp: 124362

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.6	15.1	22.7



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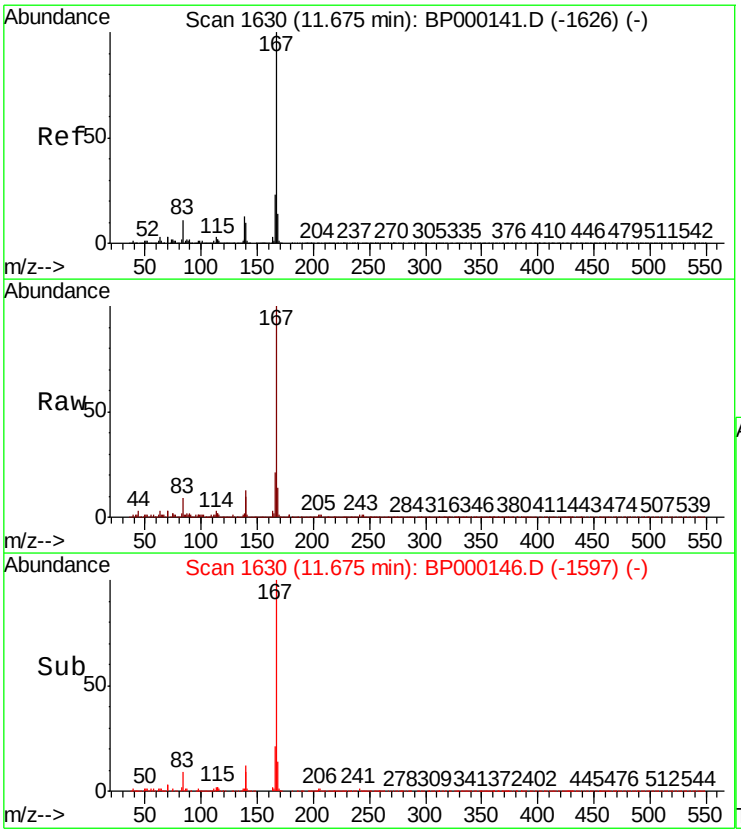
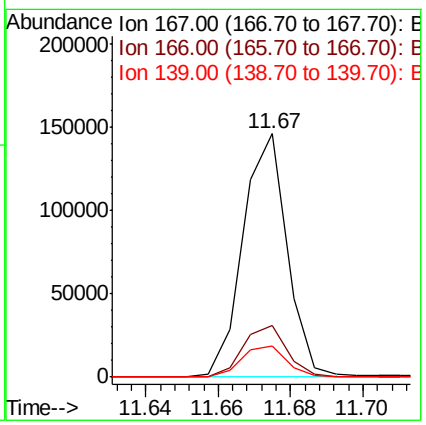
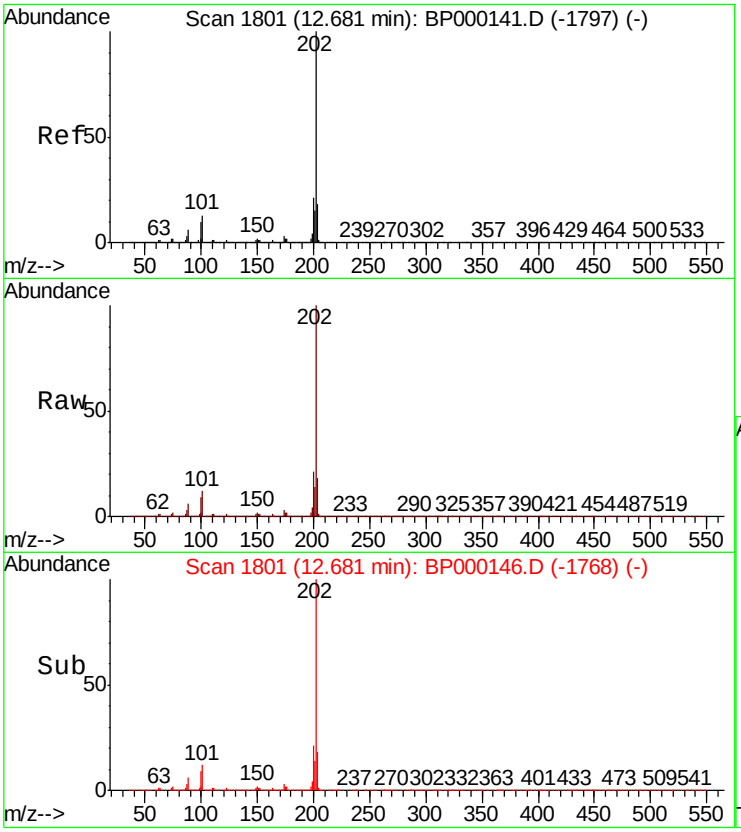


#75
Carbazole
Concen: 1.889 ng/ul
RT: 11.67 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:167 Resp: 122721

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

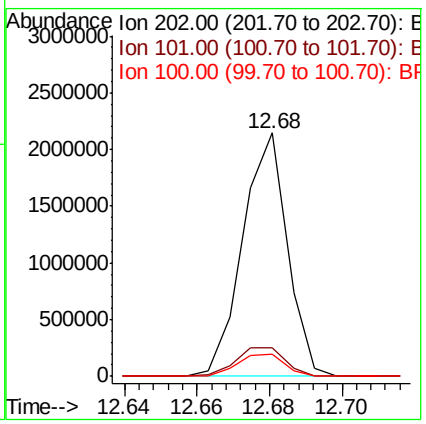




#77
Fluoranthene
Concen: 23.524 ng/ul
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:202 Resp: 1831966

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.0	15.0
100	9.1	7.4	11.2



Instrument :
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ClientSampleId :
F2D01MS

Manual Integrations APPROVED
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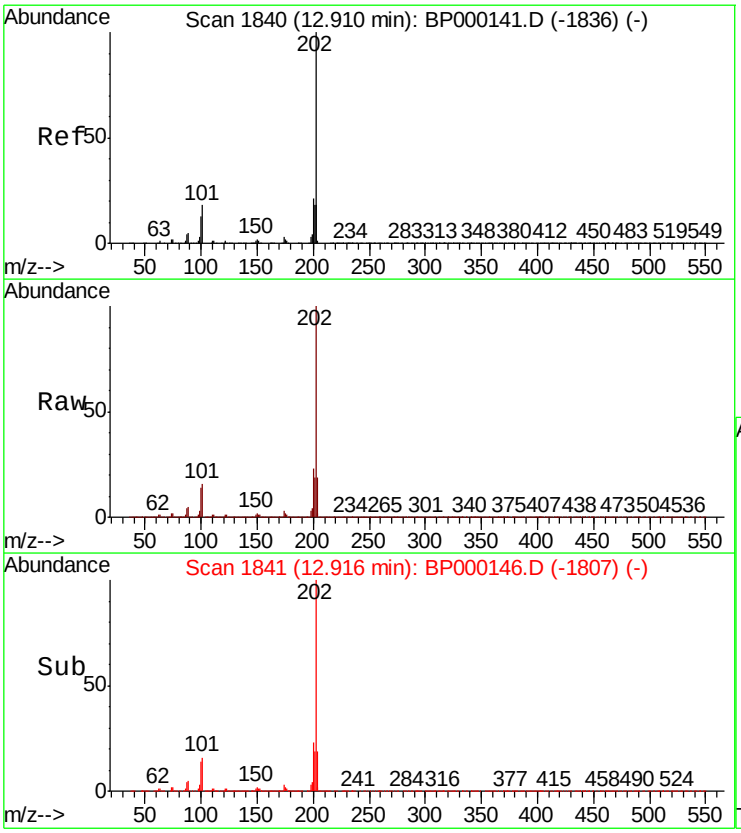
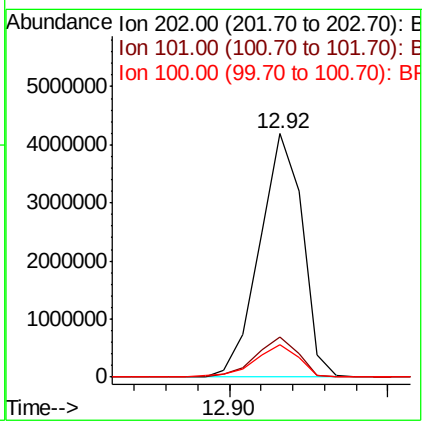
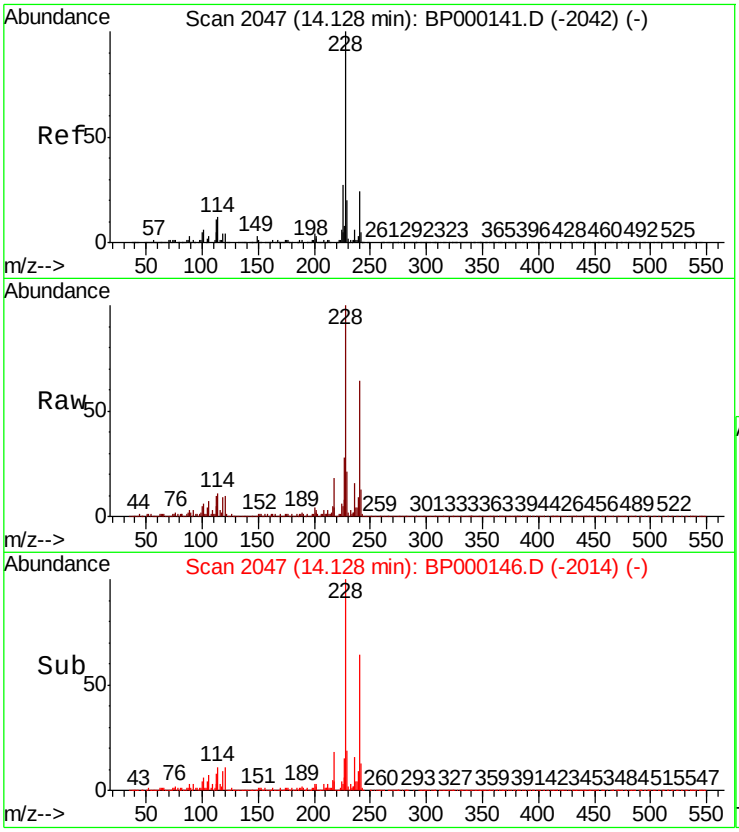


#80
Pyrene
Concen: 48.499 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:202 Resp: 3942374

Ion	Ratio	Lower	Upper
202	100		
101	16.4	13.4	20.0
100	13.5	10.8	16.2

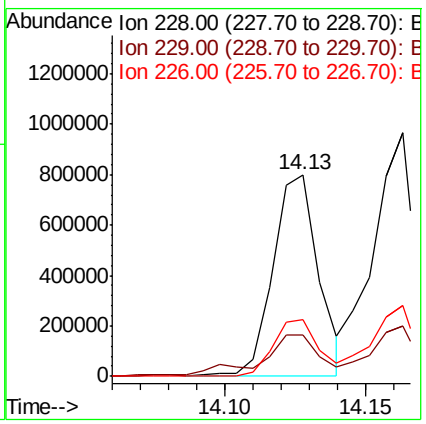




#83
Benzo(a)anthracene
Concen: 11.437 ng/ul
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:228 Resp: 892002

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	28.0	22.1	33.1



Instrument :
BNA_P
ClientSampleId :
F2D01MS

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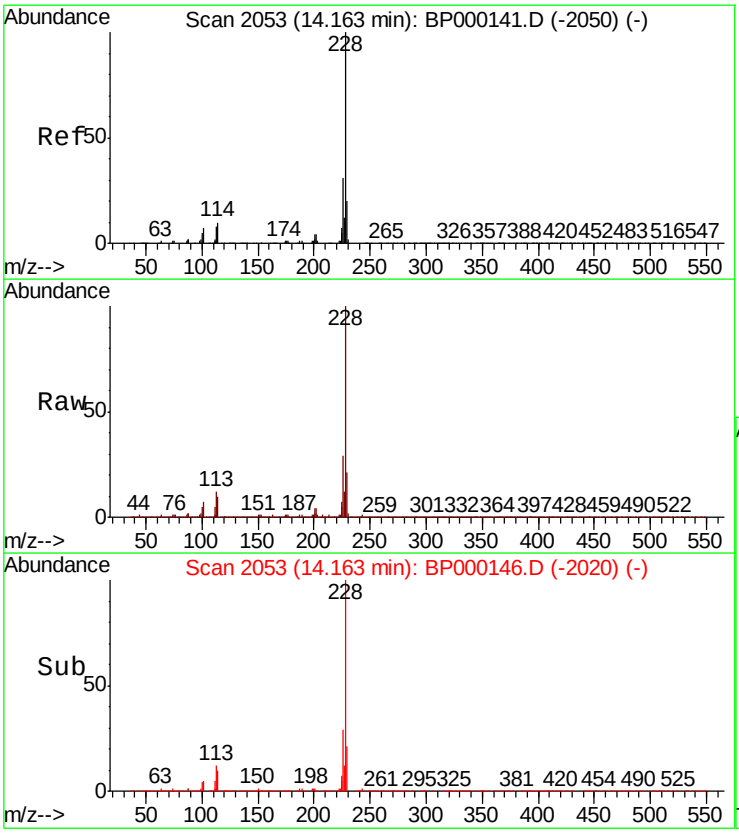
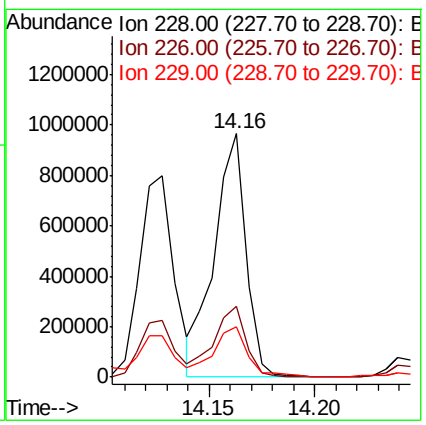
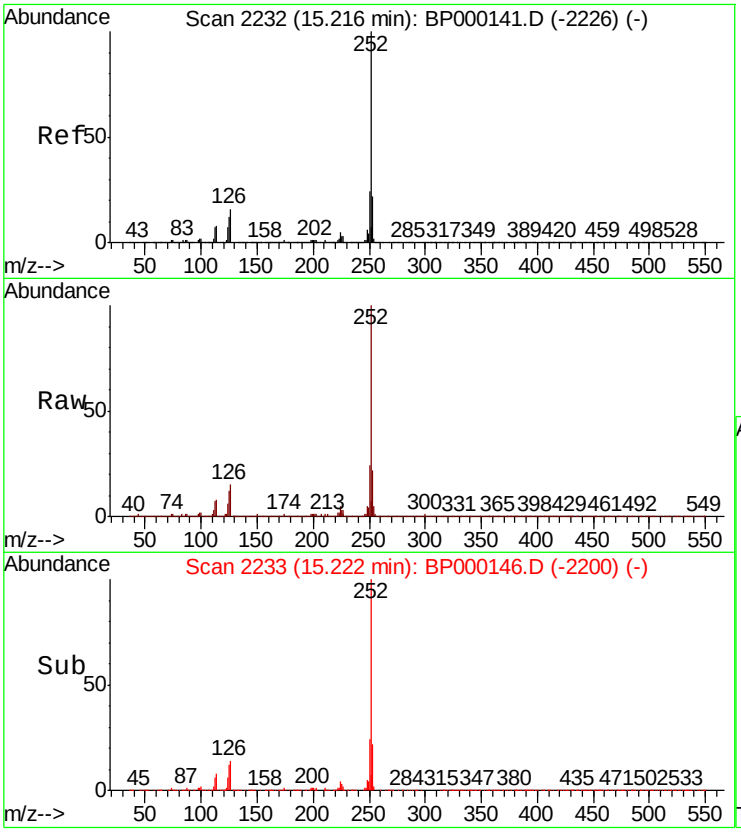


#85
Chrysene
Concen: 14.013 ng/ul
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:228 Resp: 1002877

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.4	36.6
229	20.9	16.0	24.0

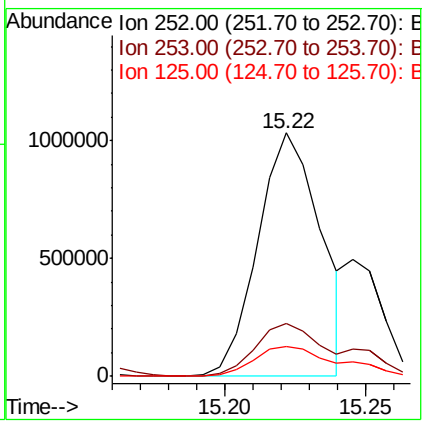




#88
Benzo(b)fluoranthene
Concen: 21.608 ng/ul
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:252 Resp: 1595073

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	12.5	9.9	14.9



Instrument :
BNA_P
ClientSampleId :
F2D01MS

Manual Integrations APPROVED
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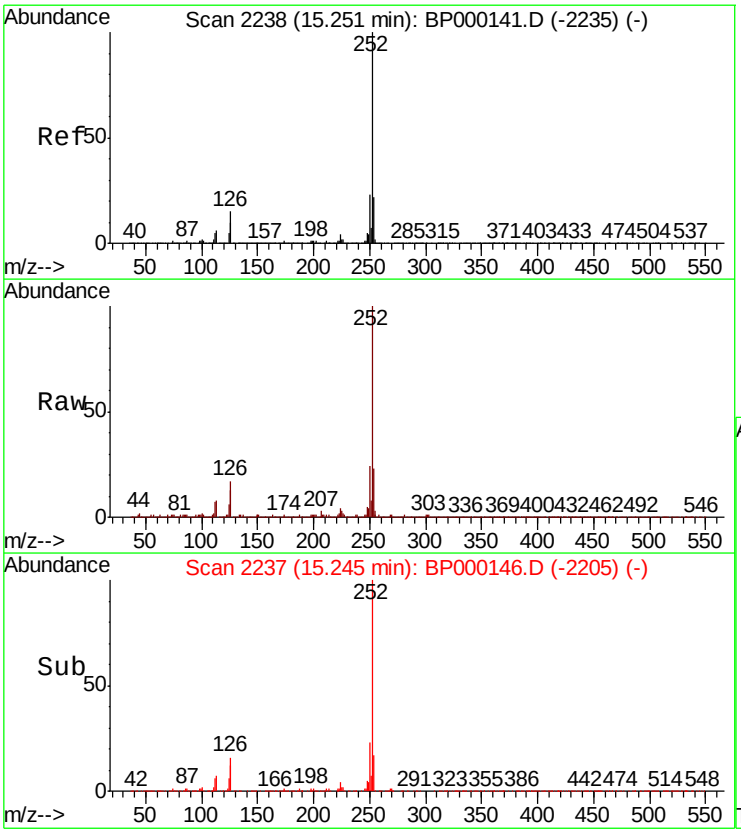
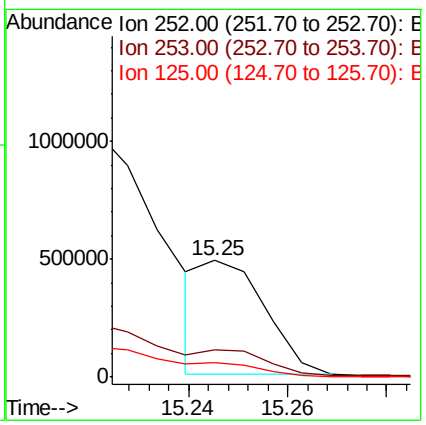
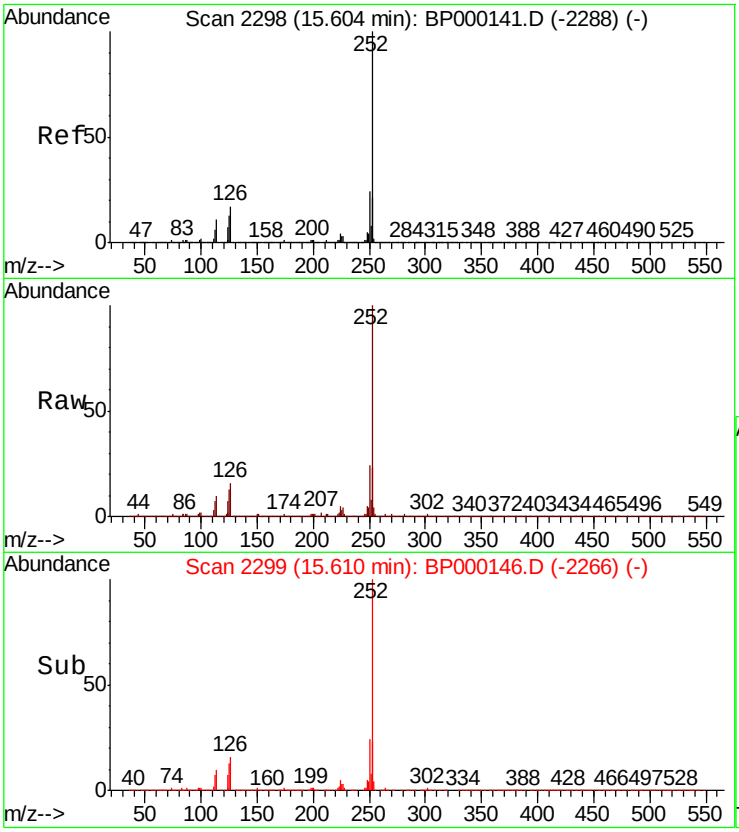


#89
Benzo(k)fluoranthene
Concen: 6.075 ng/ul m
RT: 15.25 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:252 Resp: 422761

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	12.7	10.2	15.2

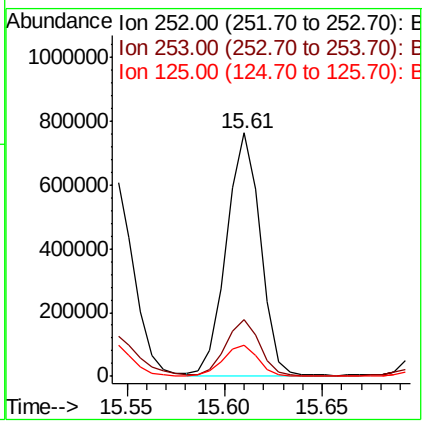




#91
Benzo(a)pyrene
Concen: 13.226 ng/ul
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:252 Resp: 916059

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	12.8	10.2	15.2



Instrument :
BNA_P
ClientSampleId :
F2D01MS

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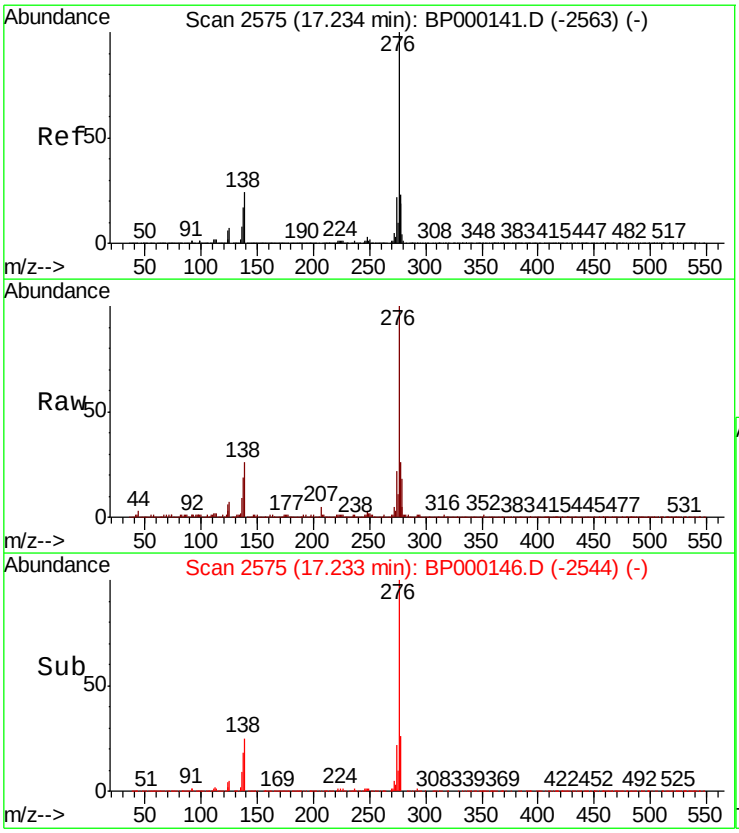
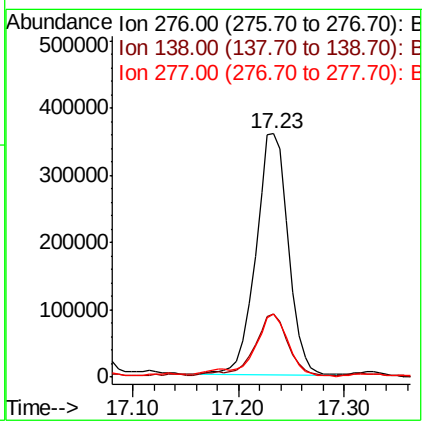
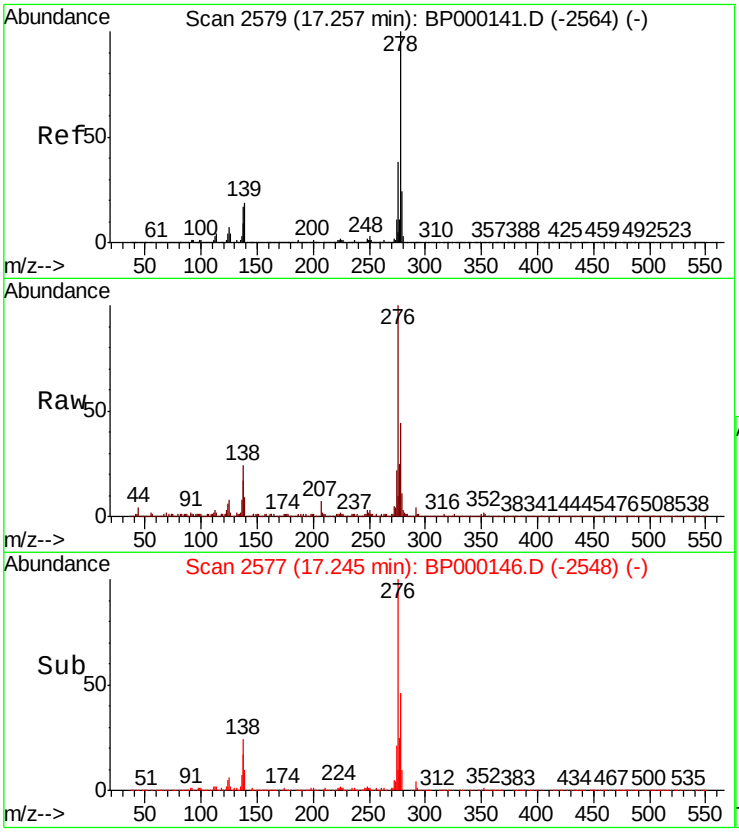


#92
Indeno(1,2,3-cd)pyrene
Concen: 9.622 ng/ul
RT: 17.23 min Scan# 2575
Delta R.T. -0.02 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:276 Resp: 766644

Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.0	30.0
277	26.0	19.4	29.0





#93
Dibenzo(a,h)anthracene
Concen: 3.093 ng/ul
RT: 17.25 min Scan# 2577
Delta R.T. -0.03 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:278 Resp: 204143

Ion	Ratio	Lower	Upper
278	100		
139	20.6	15.1	22.7
279	24.2	19.2	28.8

Instrument :
BNA_P
ClientSampleId :
F2D01MS

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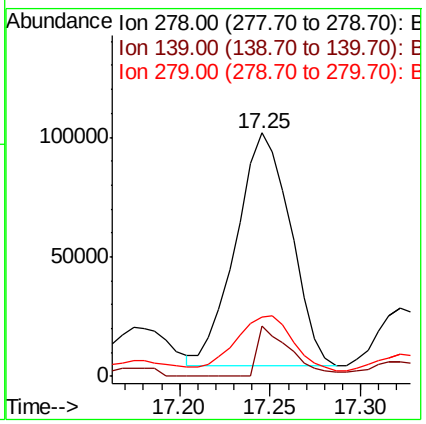

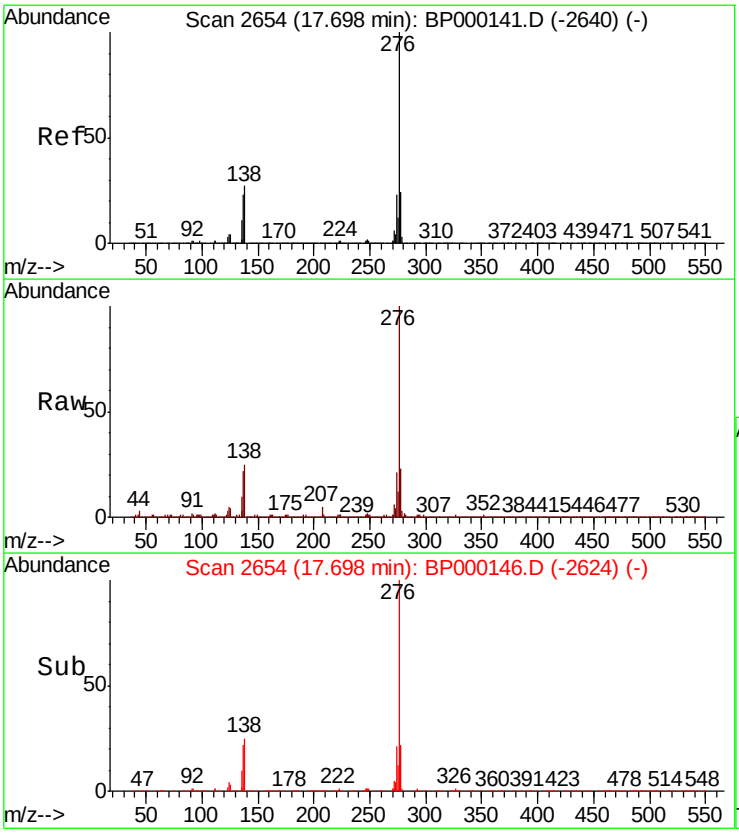

#94
Benzo(g,h,i)perylene
Concen: 10.200 ng/ul
RT: 17.70 min Scan# 2654
Delta R.T. -0.02 min
Lab File: BP000146.D
Acq: 09 Sep 2019 20:51

Tgt Ion:276 Resp: 677657

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.0	30.0
277	22.9	19.1	28.7