Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000149.D
Acq On : 09 Sep 2019 22:04
Operator : HP/JU
Sample : K4634-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 10 03:39:02 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	417249	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1613327	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	870314	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1558675	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1179471	20.00	ng/ul	0.00
86) Perylene-d12	15.68	264	1229606	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.61	96	42603	3.62	ng/uL	0.00
5) Phenol-d5	6.51	99	738780	20.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	412030	22.17	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	625344	21.76	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	509664	19.09	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	296401	24.20	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	309231	25.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	544470	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	519196	16.59	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1590678	24.75	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1870519	23.55	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	201919	17.58	ng/ul	0.00
58) Fluorene-d10	10.47	176	1265074	23.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	142210	19.85	ng/ul	0.00
71) Anthracene-d10	11.50	188	1665352	22.06	ng/ul	0.00
79) Pyrene-d10	12.90	212	1822937	25.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.59	264	1582211	24.82	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.52	94	838127	22.628	ng/ul	99
10) 2-Chlorophenol	6.68	128	582224	19.190	ng/ul	97
15) N-Nitroso-di-n-propylamine	7.29	70	401716	21.351	ng/ul	98
33) 4-Chloro-3-methylphenol	8.72	107	518611	20.138	ng/ul	96
45) Dimethylphthalate	9.65	163	300729	4.637	ng/ul	100
50) Acenaphthene	9.98	153	1254366	21.818	ng/ul	98
53) 4-Nitrophenol	10.04	109	167370	19.583	ng/ul	92
55) 2,4-Dinitrotoluene	10.12	165	365111	21.617	ng/ul#	99
69) Pentachlorophenol	11.25	266	197207	18.276	ng/ul	99
70) Phenanthrene	11.47	178	940021	10.198	ng/ul	99
72) Anthracene	11.52	178	155243	1.712	ng/ul	99
75) Carbazole	11.68	167	147383	1.900	ng/ul	98
77) Fluoranthene	12.68	202	2864791	30.814	ng/ul	96
80) Pyrene	12.92	202	4093330	46.000	ng/ul	99
83) Benzo(a)anthracene	14.13	228	1435175	16.810	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	14.15	149	83630	1.725	ng/ul	100
85) Chrysene	14.16	228	1434001	18.303	ng/ul	98
88) Benzo(b)fluoranthene	15.23	252	2221667	27.261	ng/ul	97
89) Benzo(k)fluoranthene	15.23	252	2221667	28.920	ng/ul	98
91) Benzo(a)pyrene	15.62	252	1265242	16.547	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	17.24	276	1026808	11.673	ng/ul	99
93) Dibenzo(a,h)anthracene	17.43	278	146379	2.009	ng/ul	95
94) Benzo(g,h,i)perylene	17.71	276	1017188	13.869	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
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Sample : K4634-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 10 03:39:02 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)

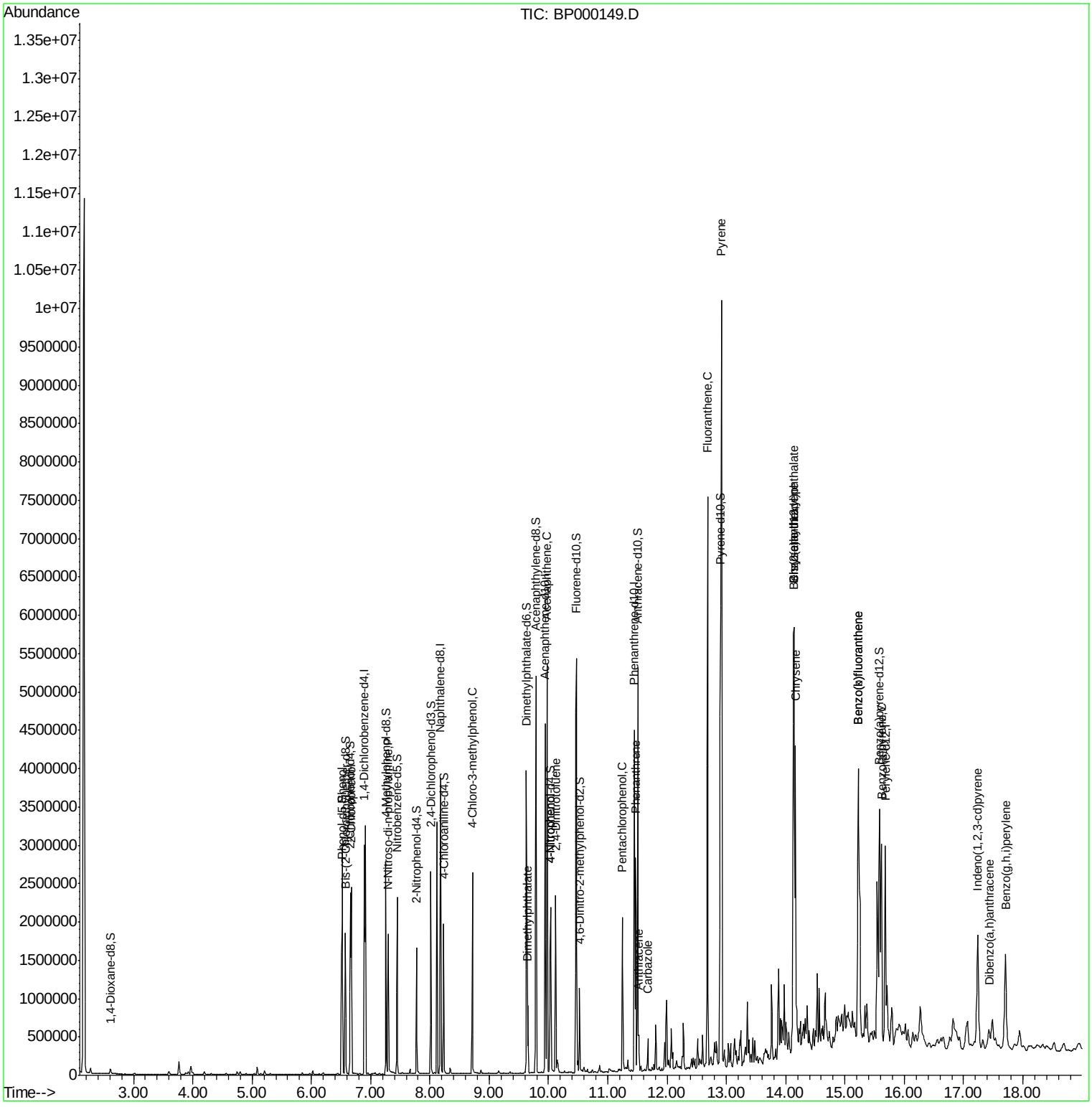
(#) = qualifier out of range (m) = manual integration (+) = signals summed

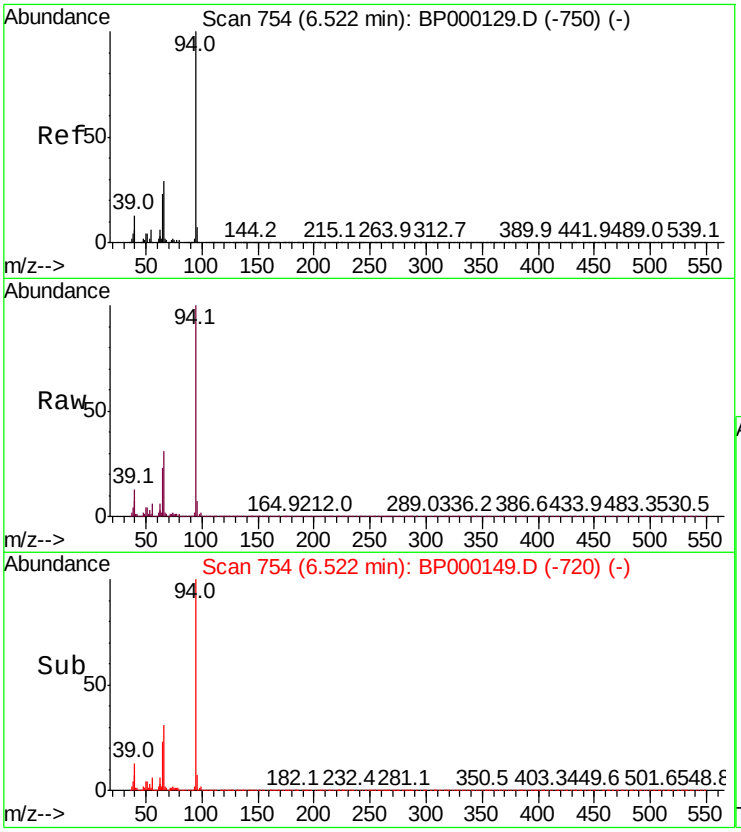
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000149.D
Acq On : 09 Sep 2019 22:04
Operator : HP/JU
Sample : K4634-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 10 03:39:02 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



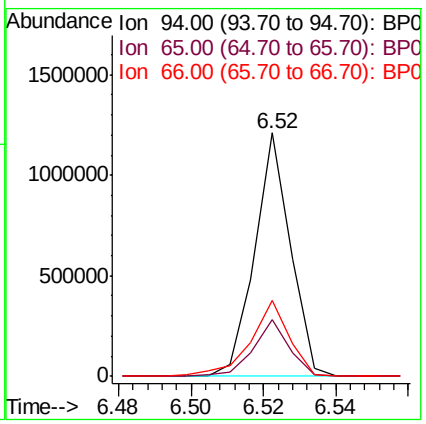


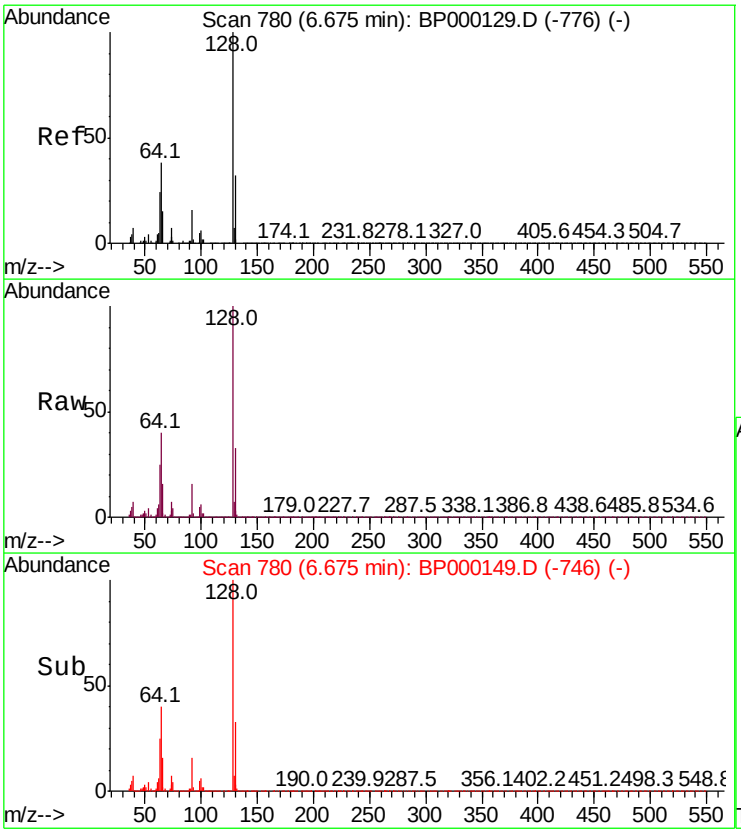
#6
Phenol
Concen: 22.628 ng/ul
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 838127

Ion	Ratio	Lower	Upper
94	100		
65	23.3	18.8	28.2
66	31.0	24.2	36.2

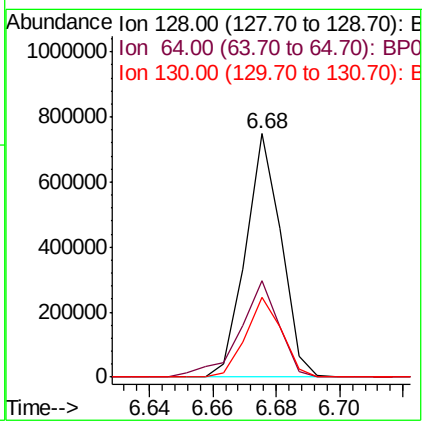


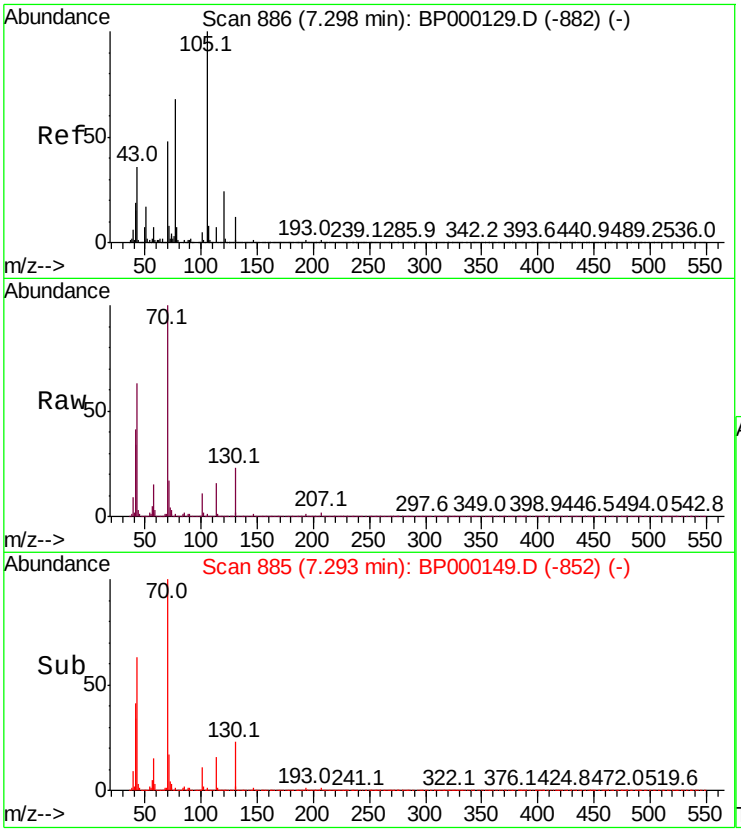


#10
2-Chlorophenol
Concen: 19.190 ng/ul
RT: 6.68 min Scan# 780
Delta R.T. 0.00 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion:128 Resp: 582224

Ion	Ratio	Lower	Upper
128	100		
64	39.8	29.6	44.4
130	32.7	26.2	39.4



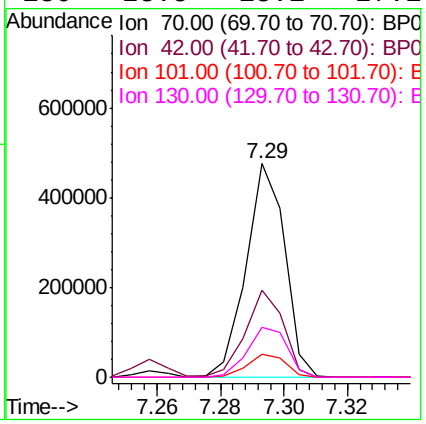


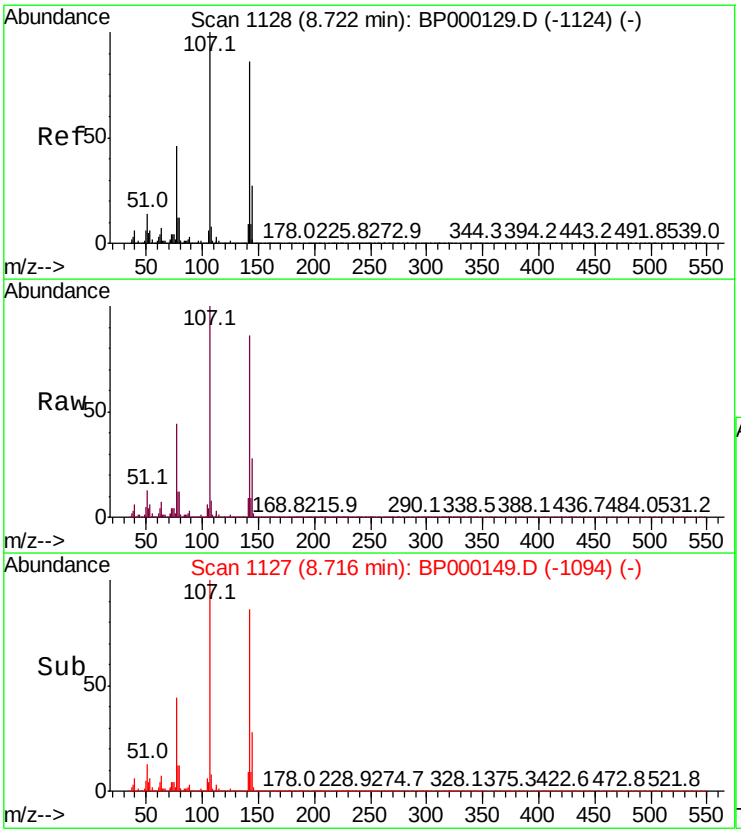
#15
N-Nitroso-di-n-propylamine
Concen: 21.351 ng/ul
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 401716

Ion	Ratio	Lower	Upper
70	100		
42	40.5	33.7	50.5
101	10.9	8.4	12.6
130	23.5	18.1	27.1

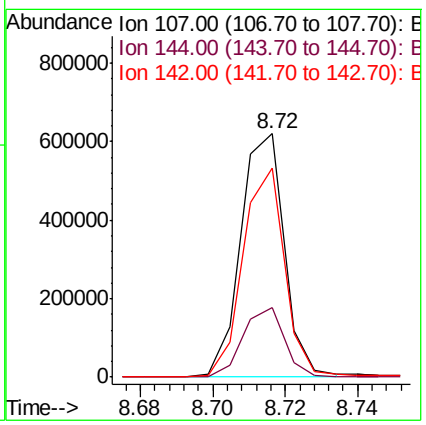


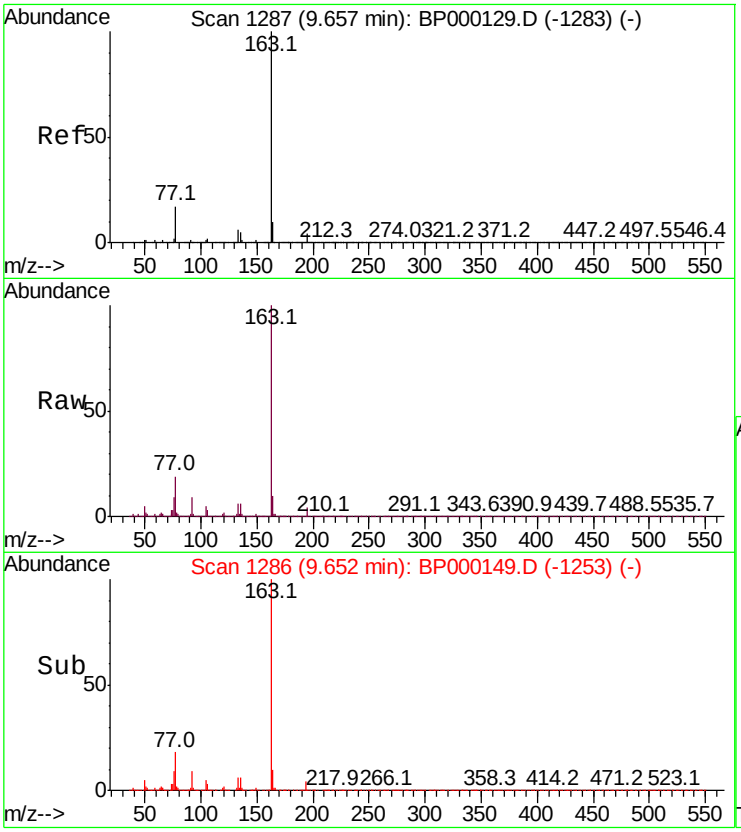


#33
4-Chloro-3-methylphenol
Concen: 20.138 ng/ul
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion:107 Resp: 518611

Ion	Ratio	Lower	Upper
107	100		
144	28.4	21.5	32.3
142	86.0	65.8	98.8



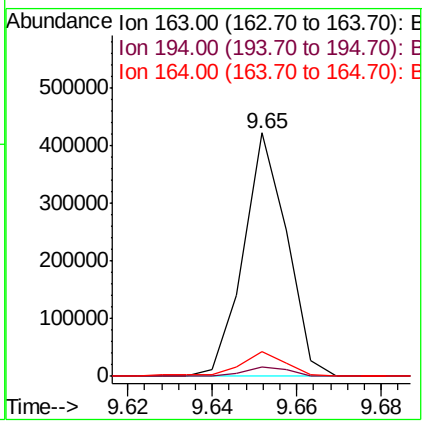


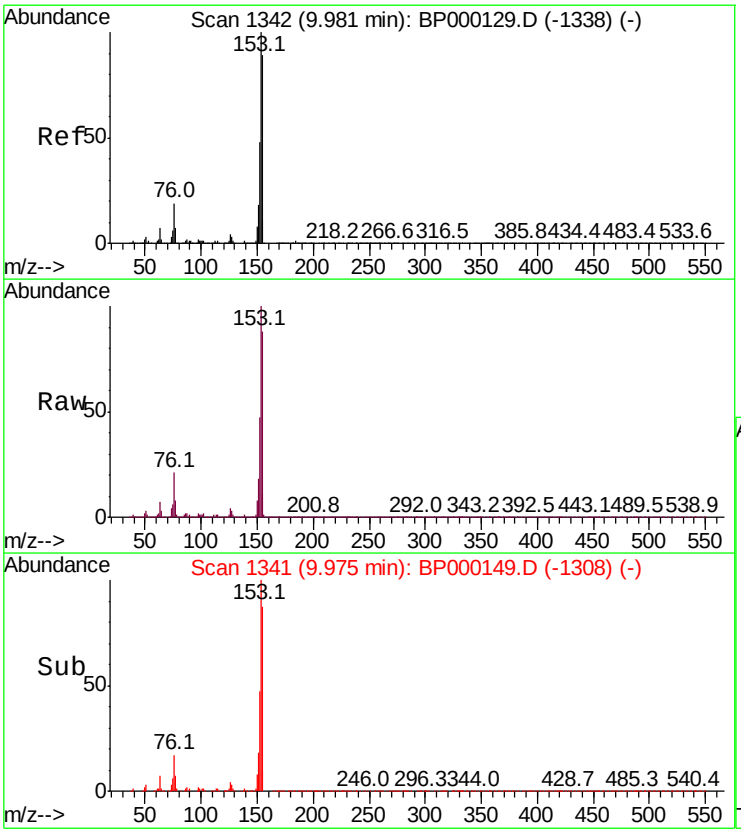
#45
Dimethylphthalate
Concen: 4.637 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 300729

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

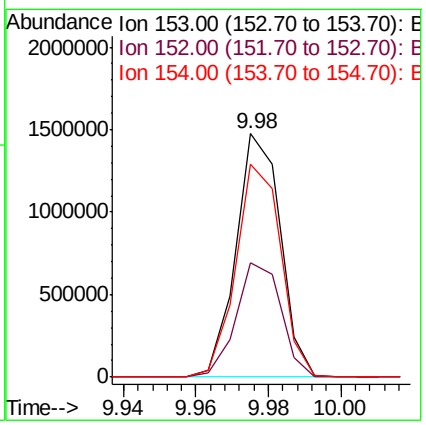


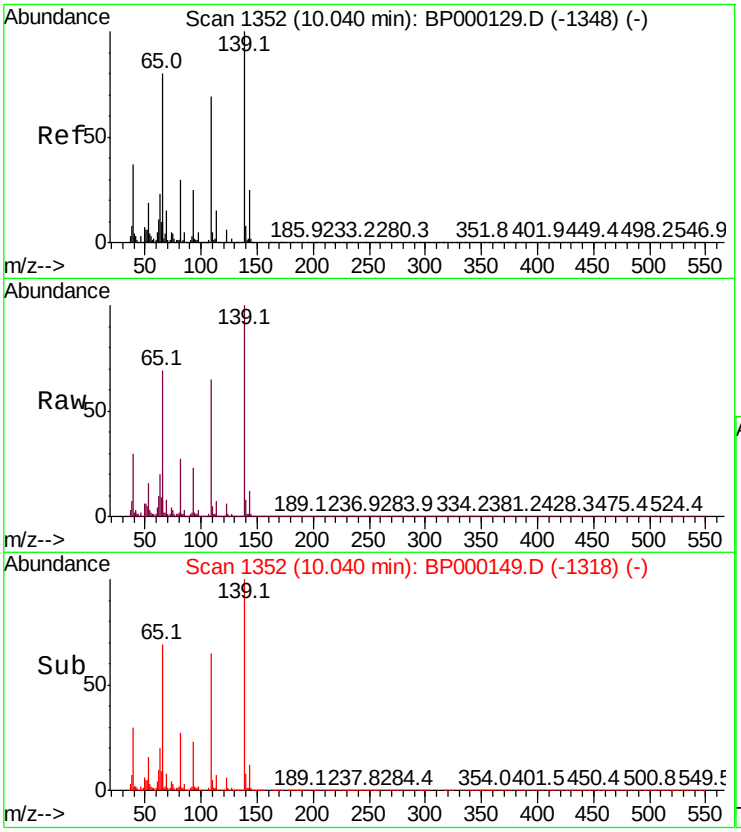


#50
Acenaphthene
Concen: 21.818 ng/ul
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion:153 Resp: 1254366

Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.0	57.0
154	87.5	72.6	108.8



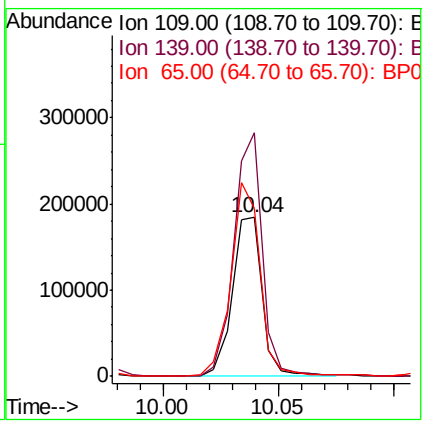


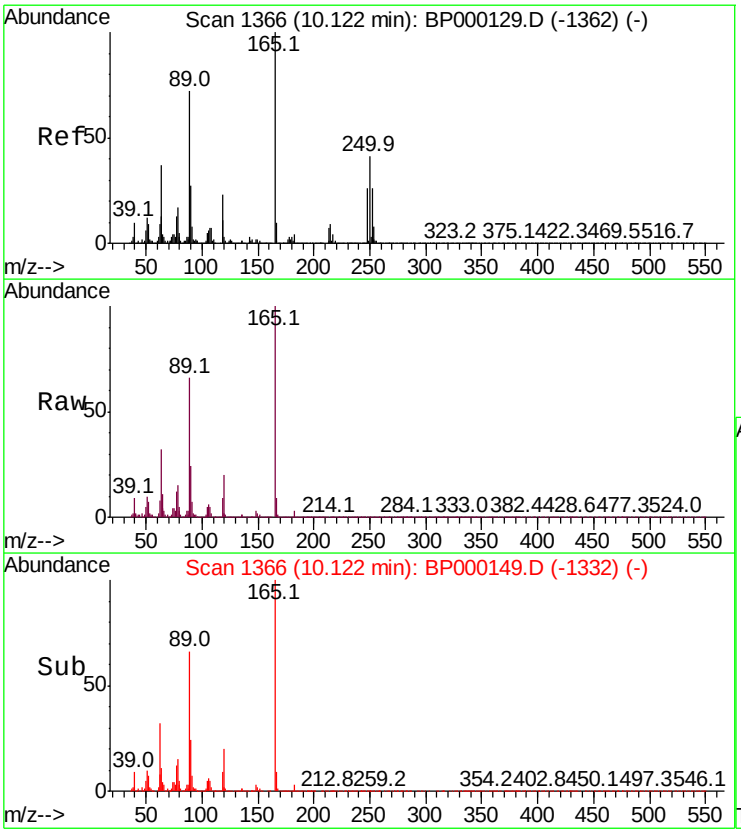
#53
4-Nitrophenol
Concen: 19.583 ng/ul
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:109 Resp: 167370

Ion	Ratio	Lower	Upper
109	100		
139	153.6	118.6	177.8
65	106.1	95.4	143.2

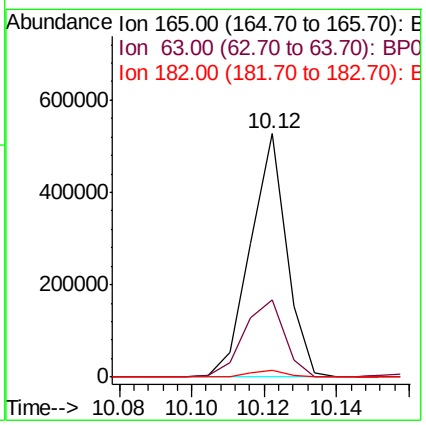


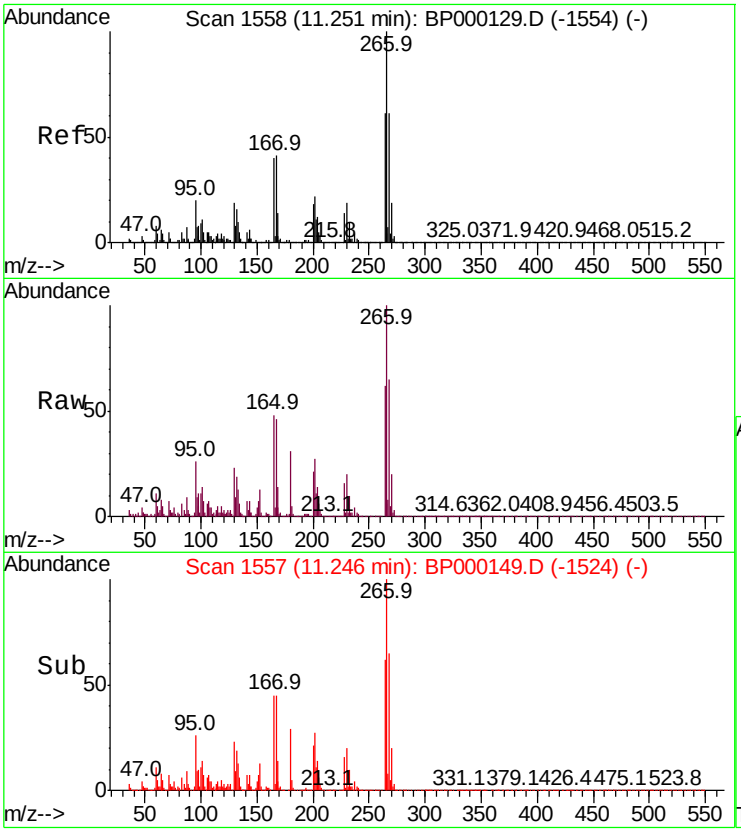


#55
2,4-Dinitrotoluene
Concen: 21.617 ng/ul
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion:165 Resp: 365111

Ion	Ratio	Lower	Upper
165	100		
63	31.6	25.4	38.0
182	2.9	3.1	4.7#



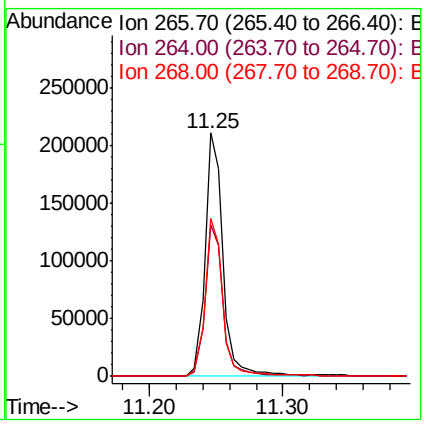


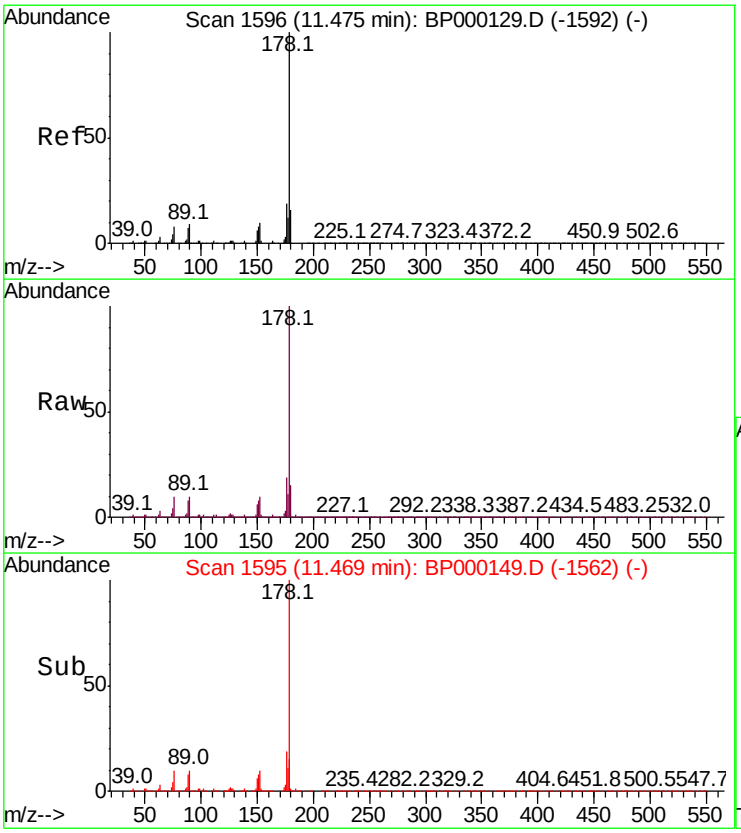
#69
Pentachlorophenol
Concen: 18.276 ng/ul
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:266 Resp: 197207

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.6	75.8
268	65.0	51.2	76.8

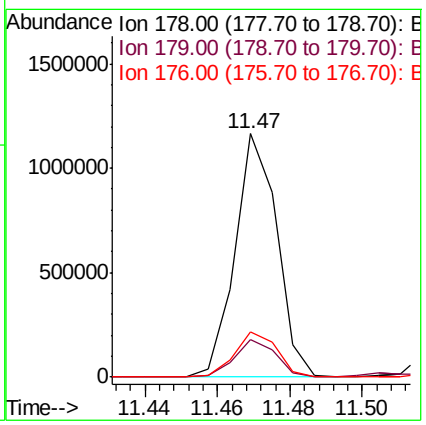


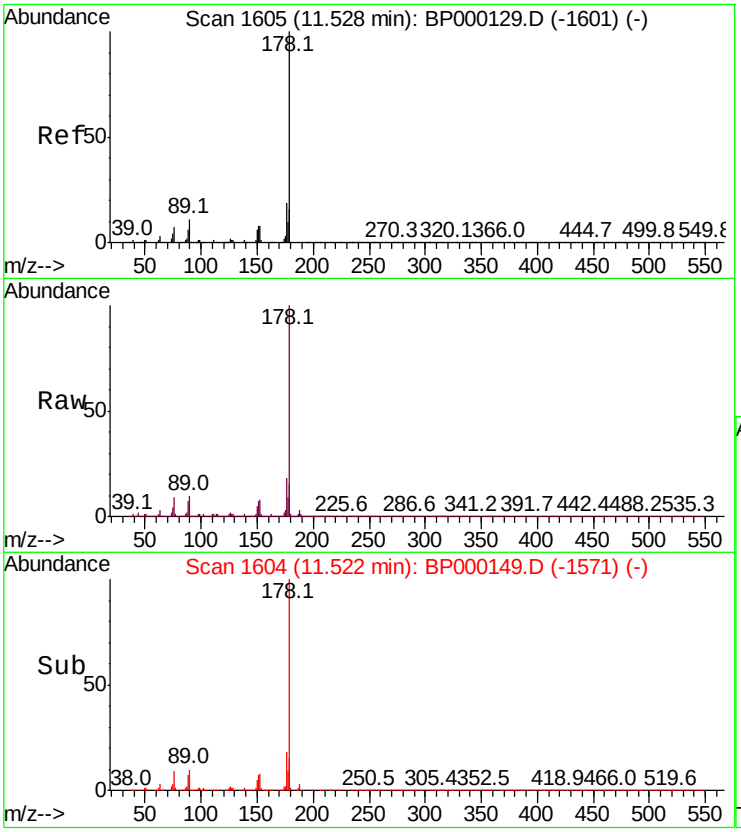


#70
Phenanthrene
Concen: 10.198 ng/ul
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion:178 Resp: 940021

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	18.8	15.7	23.5



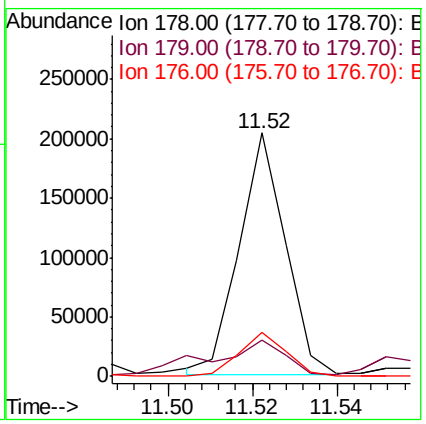


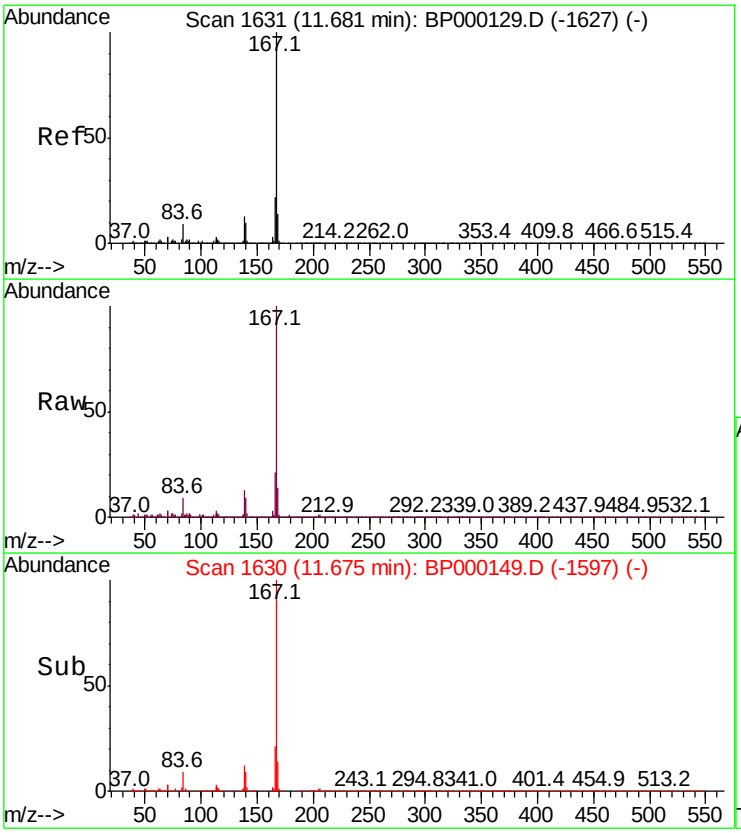
#72
Anthracene
Concen: 1.712 ng/ul
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 155243

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.1	15.1	22.7

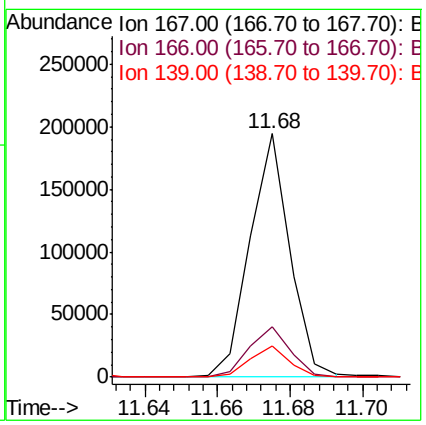


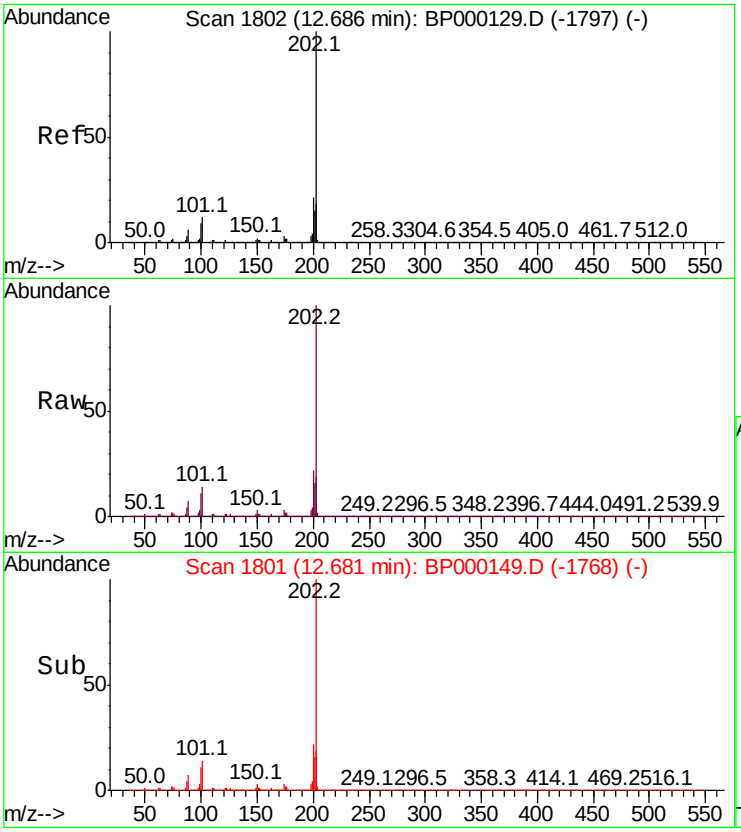


#75
Carbazole
Concen: 1.900 ng/ul
RT: 11.68 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion:167 Resp: 147383

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.3	25.9
139	12.7	10.6	15.8



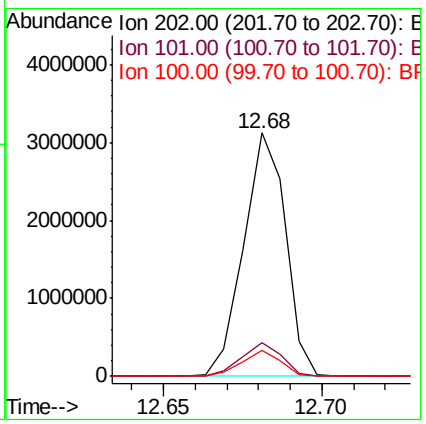


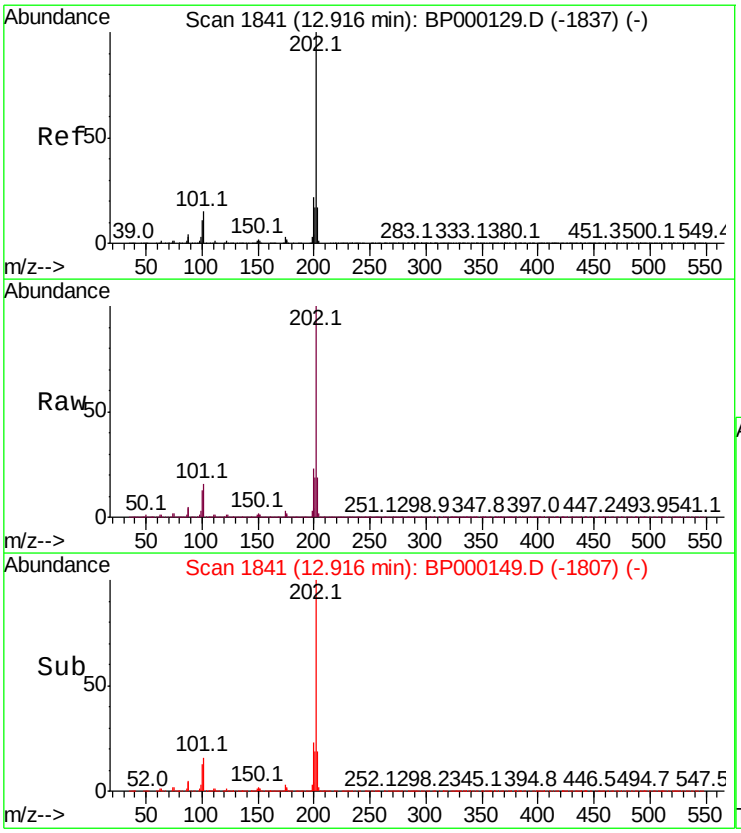
#77
Fluoranthene
Concen: 30.814 ng/ul
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 2864791

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.0	15.0
100	10.6	7.4	11.2

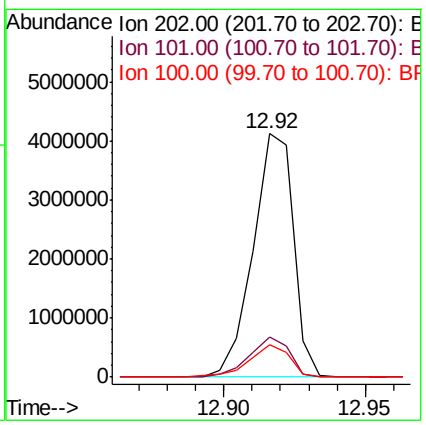


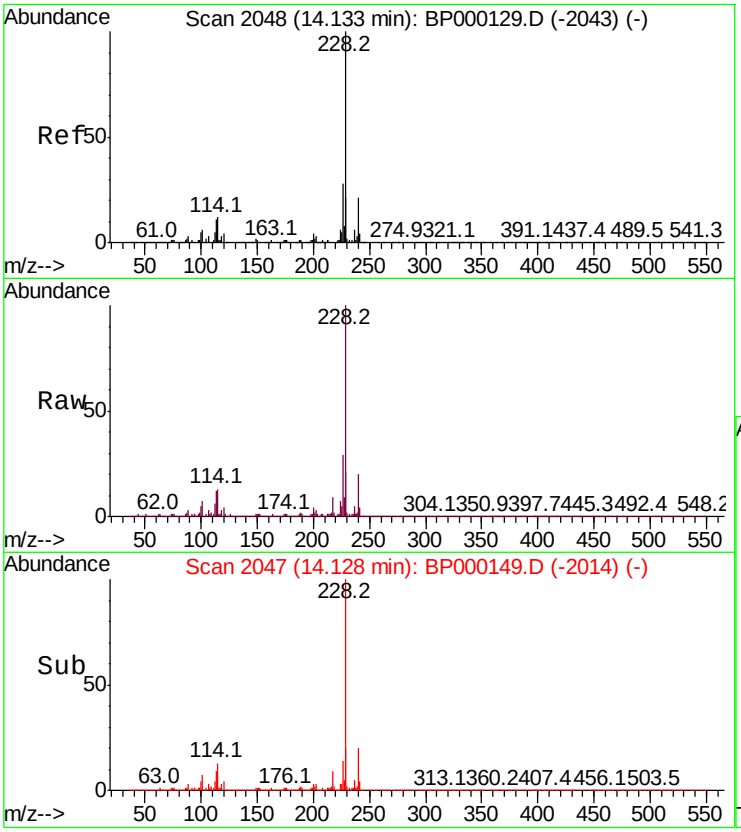


#80
Pyrene
Concen: 46.000 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion:202 Resp: 4093330

Ion	Ratio	Lower	Upper
202	100		
101	16.3	13.4	20.0
100	13.3	10.8	16.2



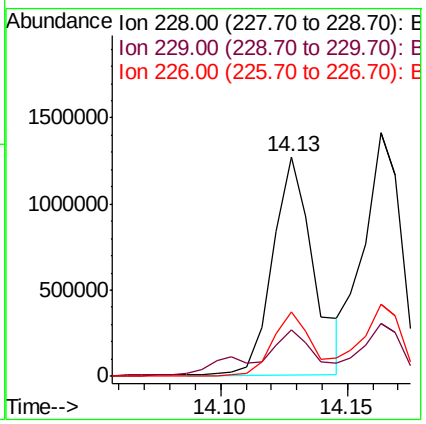


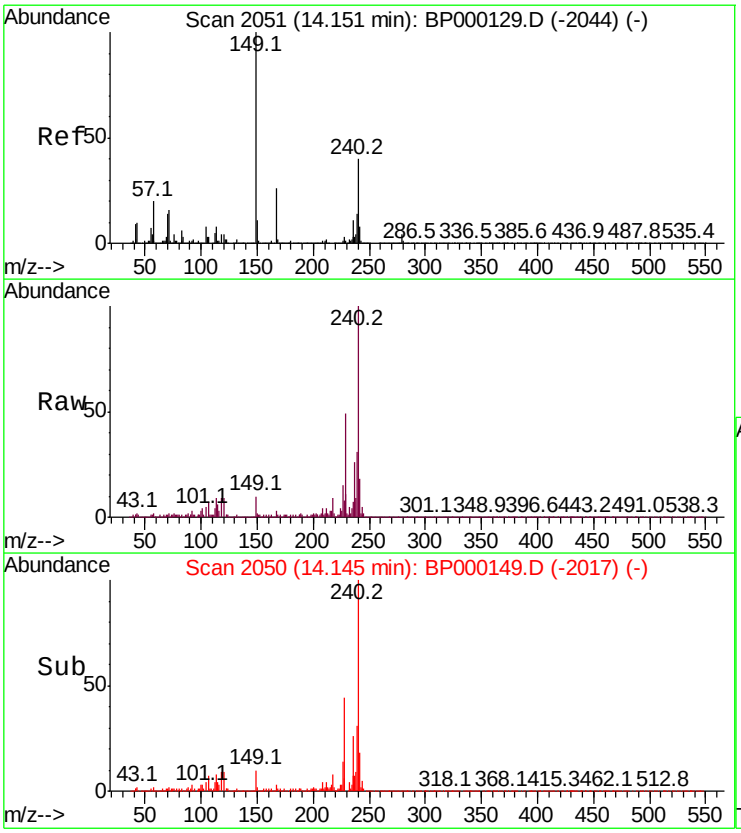
#83
Benzo(a)anthracene
Concen: 16.810 ng/ul
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1435175

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.9	23.9
226	29.1	22.1	33.1

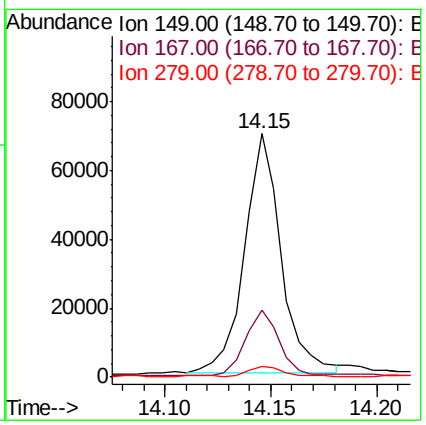


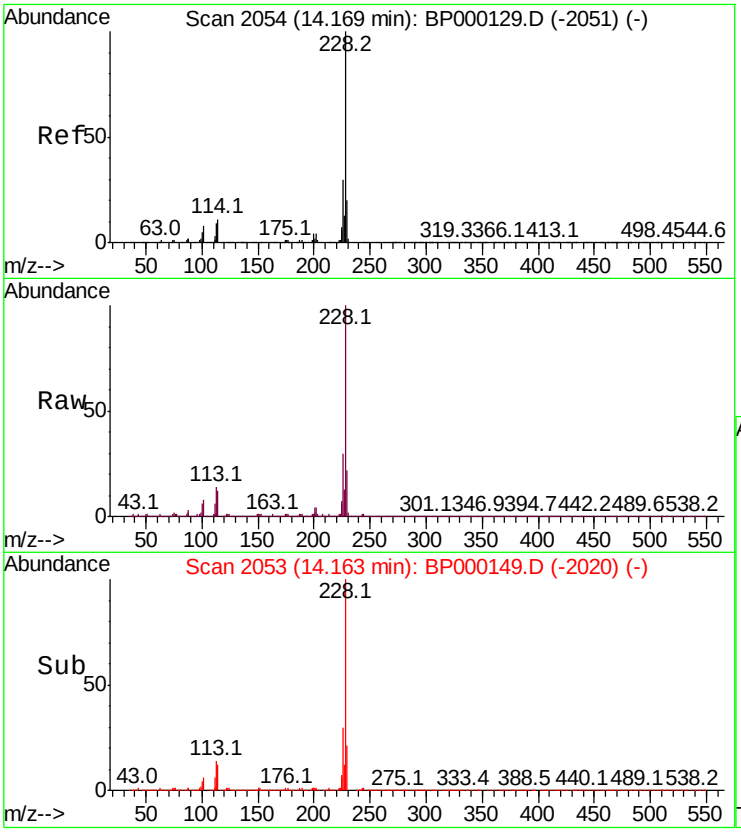


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.725 ng/ul
RT: 14.15 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion:149 Resp: 83630

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.3	3.0	4.4



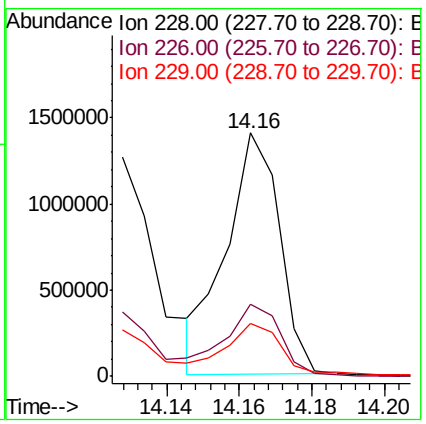


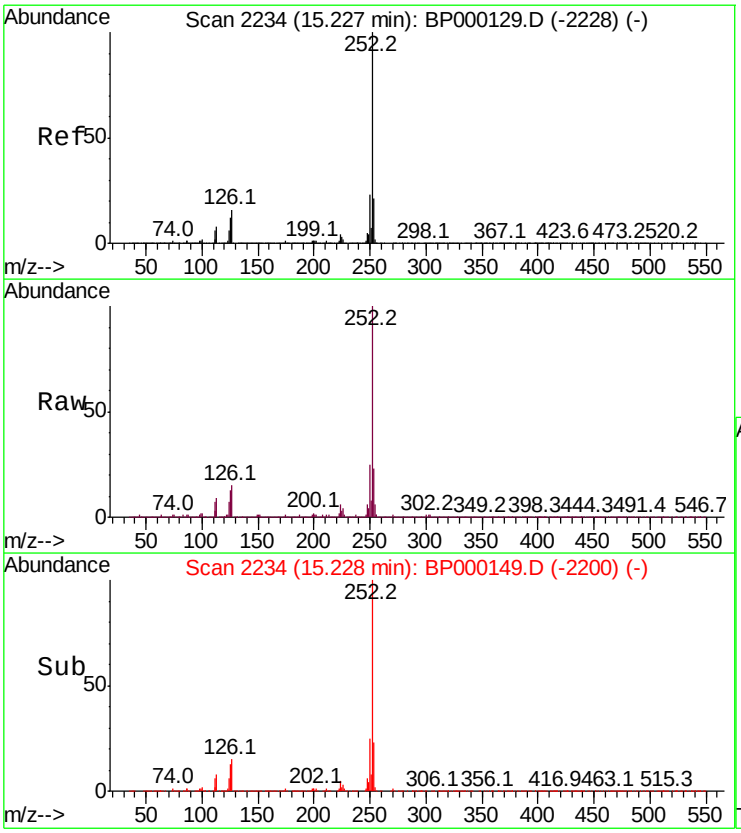
#85
Chrysene
Concen: 18.303 ng/ul
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1434001

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	21.5	16.0	24.0

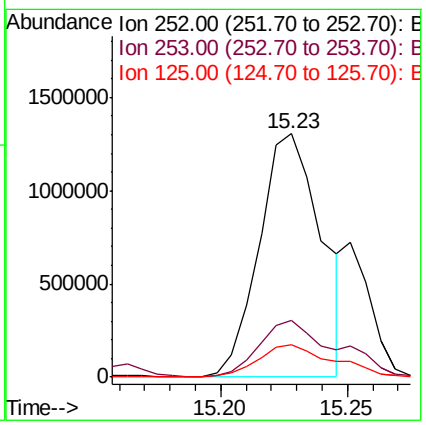


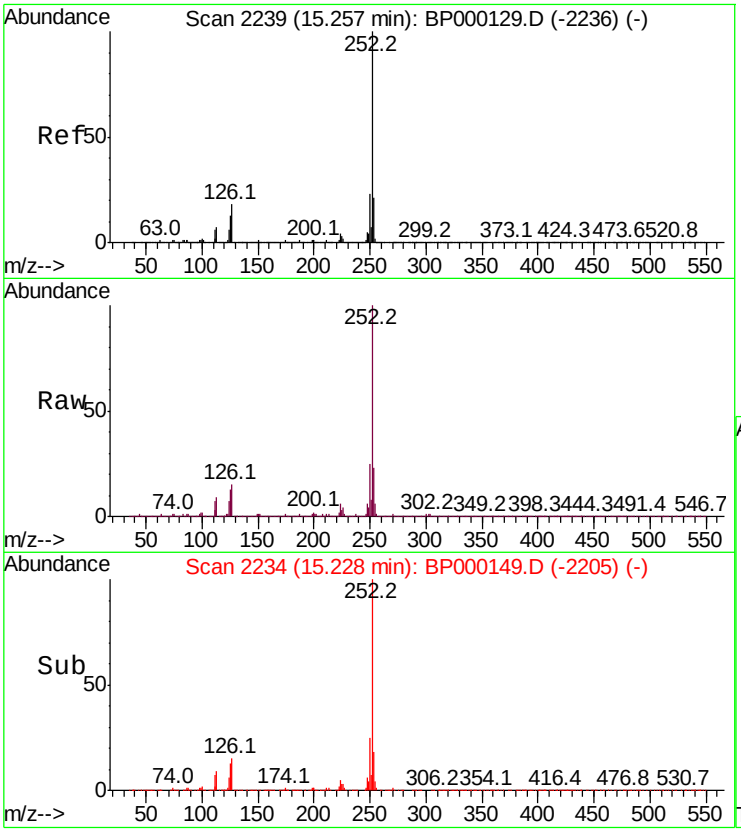


#88
Benzo(b)fluoranthene
Concen: 27.261 ng/ul
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion:252 Resp: 2221667

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	13.3	9.9	14.9



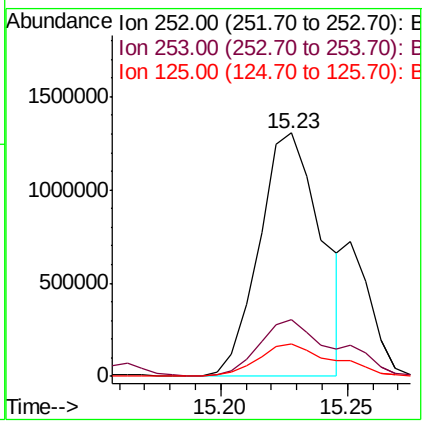


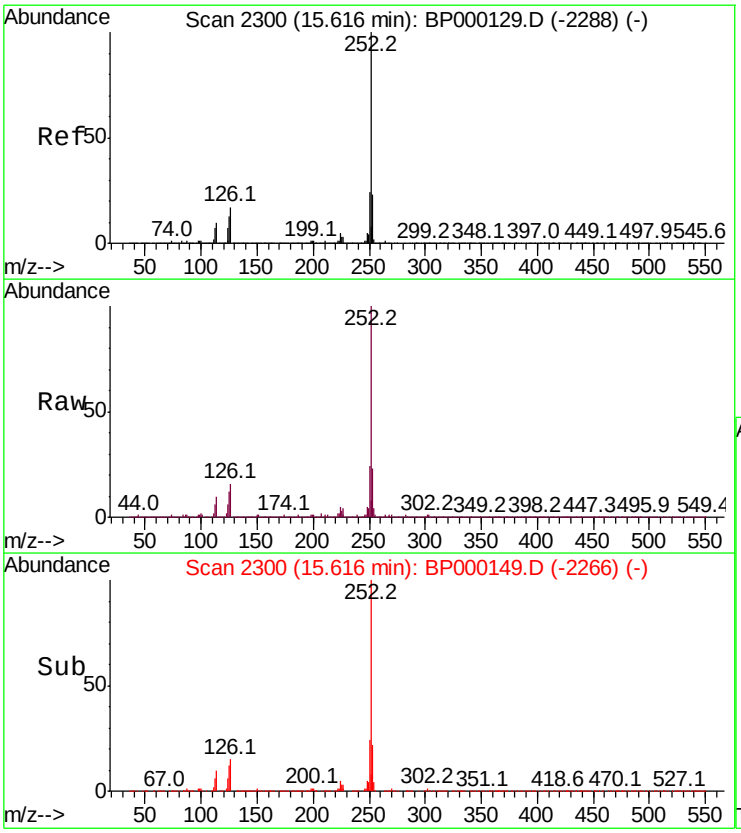
#89
Benzo(k)fluoranthene
Concen: 28.920 ng/ul
RT: 15.23 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2221667

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	13.3	10.2	15.2

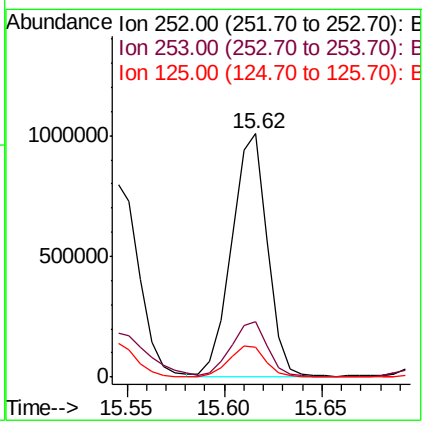


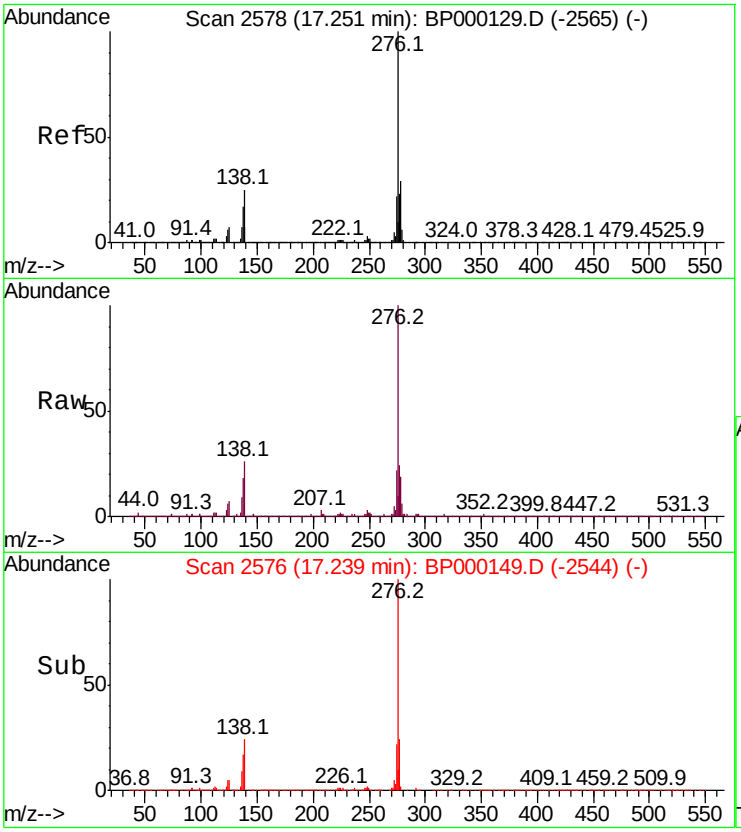


#91
Benzo(a)pyrene
Concen: 16.547 ng/ul
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion:252 Resp: 1265242

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.4	10.2	15.2



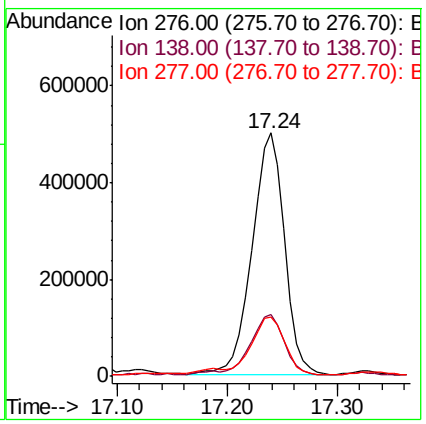


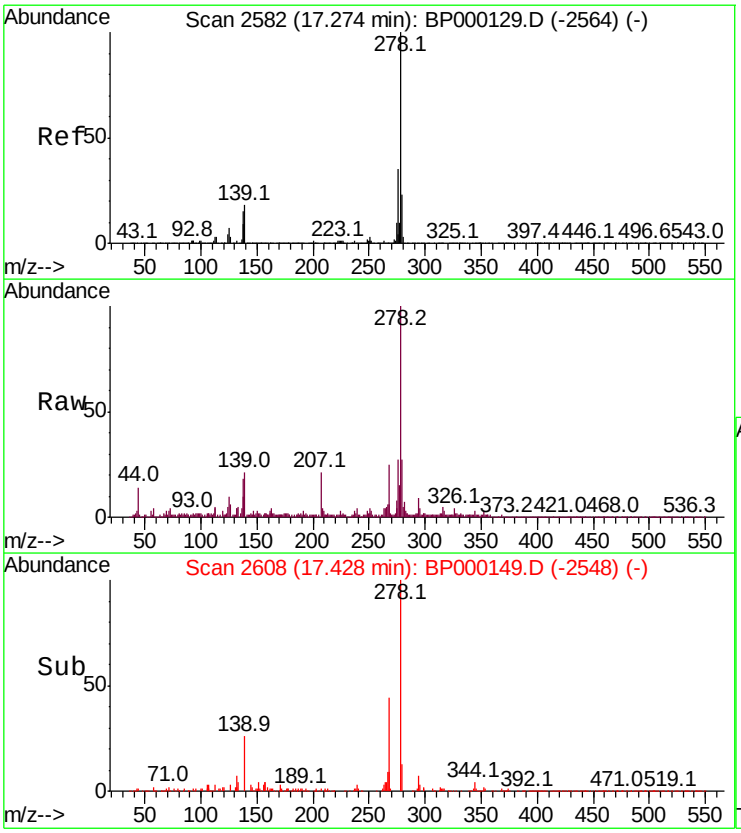
#92
Indeno(1,2,3-cd)pyrene
Concen: 11.673 ng/ul
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 1026808

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.0	30.0
277	24.5	19.4	29.0

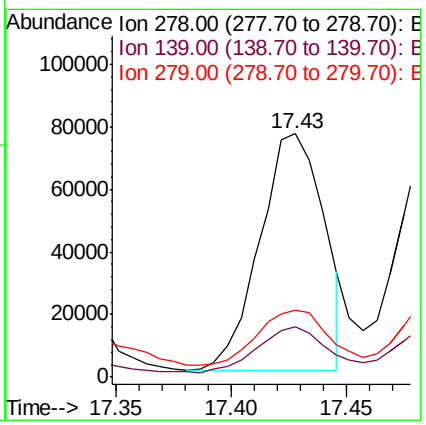


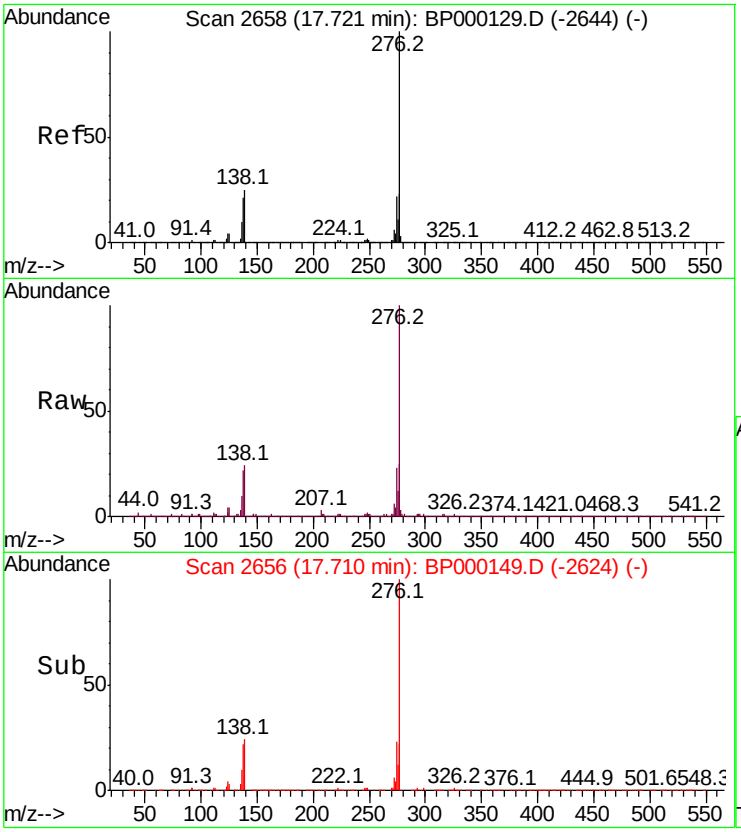


#93
Dibenzo(a,h)anthracene
Concen: 2.009 ng/ul
RT: 17.43 min Scan# 2608
Delta R.T. 0.15 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion:278 Resp: 146379

Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.1	22.7
279	27.3	19.2	28.8





#94
Benzo(g,h,i)perylene
Concen: 13.869 ng/ul
RT: 17.71 min Scan# 2656
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 1017188

Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.0	30.0
277	25.1	19.1	28.7