Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012011.D
Acq On : 07 Oct 2022 16:43
Operator : CG/JU
Sample : N4923-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10007DL

Quant Time: Oct 07 23:09:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 03:22:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	206025	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	837973	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.528	164	536117	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1101058	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	1174711	20.000	ng/ul	0.00
88) Perylene-d12	23.804	264	1200480	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2283	0.489	ng/uL	0.00
4) Pyridine-d5	3.740	84	12026	0.879	ng/ul	0.02
7) Phenol-d5	7.063	99	15104	0.849	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.222	67	114419	11.606	ng/ul	0.02
11) 2-Chlorophenol-d4	7.416	132	79181	5.639	ng/ul	0.01
15) 4-Methylphenol-d8	8.622	113	50186	3.413	ng/ul	0.04
21) Nitrobenzene-d5	9.063	128	54911	8.603	ng/ul	0.02
24) 2-Nitrophenol-d4	9.775	143	51494	7.541	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.328	165	84829	6.716	ng/ul	0.02
31) 4-Chloroaniline-d4	10.840	131	138538	7.194	ng/ul	0.02
46) Dimethylphthalate-d6	13.939	166	294091	7.671	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	353113	8.079	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	82864	10.438	ng/ul	0.00
60) Fluorene-d10	15.522	176	305169	9.166	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	31787	4.770	ng/ul	0.02
73) Anthracene-d10	17.380	188	416186	8.298	ng/ul	0.00
81) Pyrene-d10	19.616	212	478993	8.051	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	498349	8.293	ng/ul	0.01
Target Compounds						Qvalue
5) Pyridine	3.787	79	1021870	76.944	ng/ul	93
6) Benzaldehyde	7.016	77	11639	1.494	ng/ul#	1
8) Phenol	7.116	94	12135045	657.808	ng/ul	95
13) 2-Methylphenol	8.357	108	7607304	523.409	ng/ul	100
16) Acetophenone	8.751	105	447441	19.960	ng/ul#	60
18) 4-Methylphenol	8.722	108	14595819	911.452	ng/ul	94
19) Hexachloroethane	8.987	117	25218	4.504	ng/ul#	6
22) Nitrobenzene	9.128	77	17625	1.284	ng/ul#	18
26) 2,4-Dimethylphenol	9.893	107	6908738	471.537	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.146	93	45243	2.518	ng/ul#	1
30) Naphthalene	10.769	128	22042615	489.744	ng/ul	97
32) 4-Chloroaniline	10.763	127	3133050	159.037	ng/ul#	11
35) 4-Chloro-3-methylphenol	11.987	107	34614	2.494	ng/ul#	25
36) 2-Methylnaphthalene	12.357	142	3727757	118.598	ng/ul	99
37) 1-Methylnaphthalene	12.575	142	2477281	78.545	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	552906	13.943	ng/ul	99
50) Acenaphthylene	14.251	152	2234623	46.036	ng/ul	99
52) Acenaphthene	14.586	153	522283	15.251	ng/ul	98
55) 4-Nitrophenol	14.728	109	10482	1.956	ng/ul#	1
56) Dibenzofuran	14.928	168	1565492	33.375	ng/ul	99
61) Fluorene	15.575	166	1152303	29.994	ng/ul	99
72) Phenanthrene	17.328	178	3995865	66.036	ng/ul	99
74) Anthracene	17.416	178	1374267	22.573	ng/ul	99
77) Carbazole	17.692	167	1639109	29.798	ng/ul	99

Quantitation Report (Not Reviewed)

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Data File : BP012011.D
Acq On : 07 Oct 2022 16:43
Operator : CG/JU
Sample : N4923-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10007DL

Quant Time: Oct 07 23:09:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 03:22:44 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80)	Fluoranthene	19.292	202	2042475	28.053	ng/ul	99
82)	Pyrene	19.645	202	1641839	21.659	ng/ul	98
85)	Benzo(a)anthracene	21.357	228	826892	10.764	ng/ul	94
87)	Chrysene	21.410	228	645376	8.952	ng/ul	97
90)	Benzo(b)fluoranthene	23.062	252	667106	8.706	ng/ul	98
91)	Benzo(k)fluoranthene	23.062	252	667106	9.041	ng/ul	98
93)	Benzo(a)pyrene	23.692	252	564944	8.262	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	26.327	276	281737	3.237	ng/ul	96
95)	Dibenzo(a,h)anthracene	26.339	278	82630	1.069	ng/ul#	86
96)	Benzo(g,h,i)perylene	27.115	276	217778	2.822	ng/ul	96

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

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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
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Acq On : 07 Oct 2022 16:43
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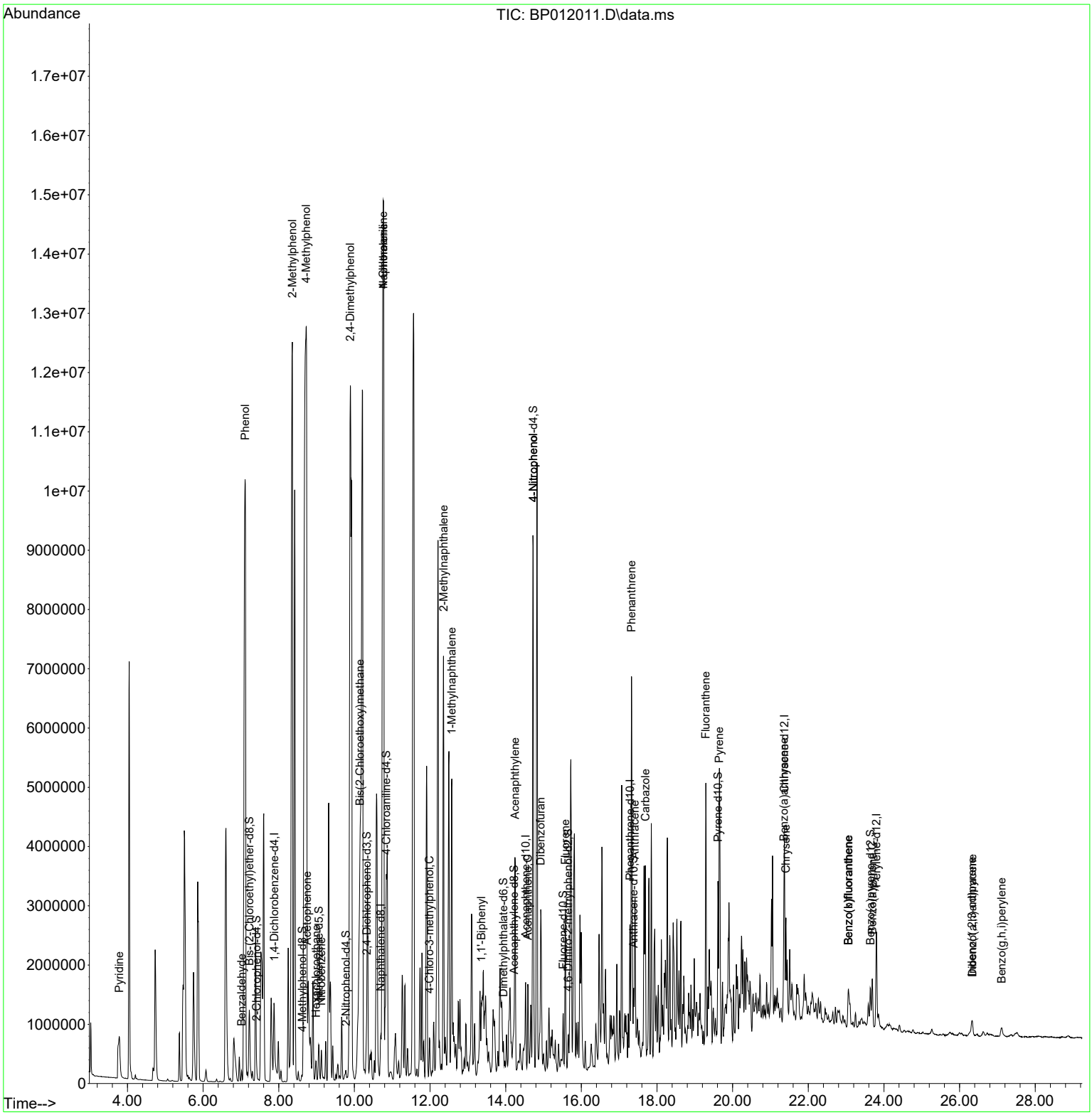
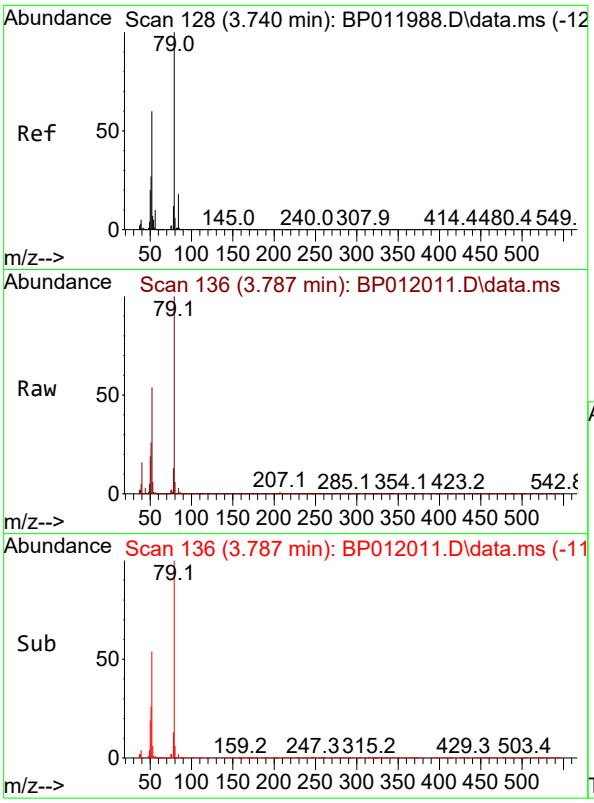
Sample : N4923-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10007DL

Quant Time: Oct 07 23:09:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 03:22:44 2022
Response via : Initial Calibration



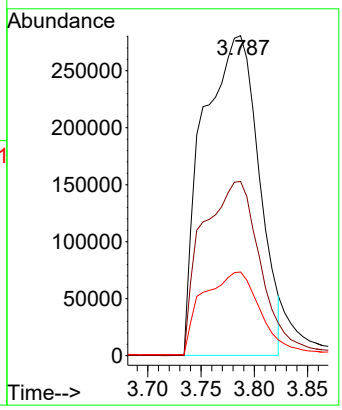


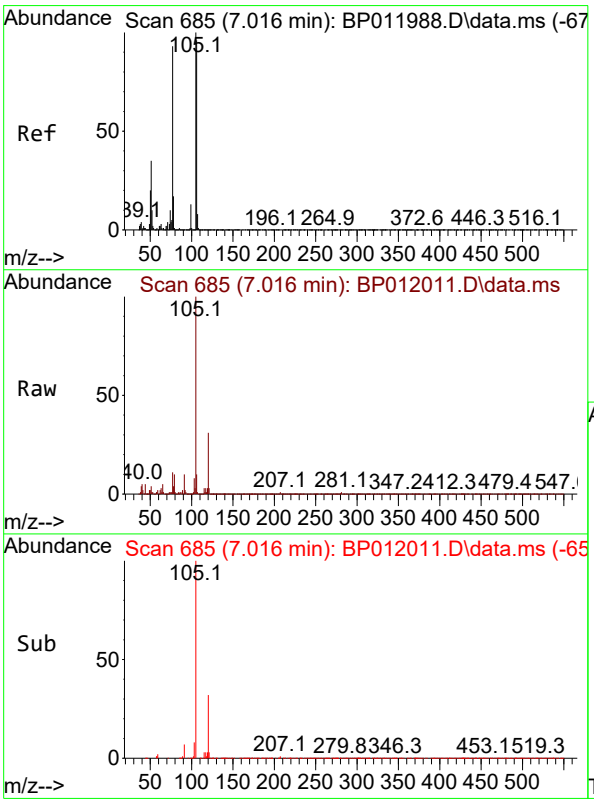
#5
Pyridine
Concen: 76.944 ng/ul
RT: 3.787 min Scan# 1
Delta R.T. 0.047 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion: 79 Resp: 1021870

Ion	Ratio	Lower	Upper
79	100		
52	54.5	49.7	74.5
51	26.2	21.6	32.4

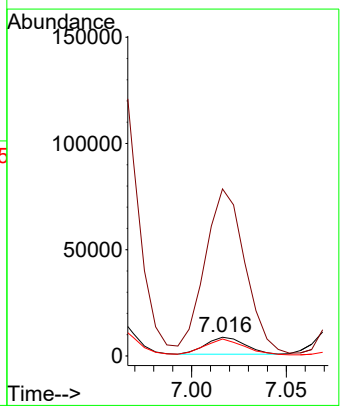


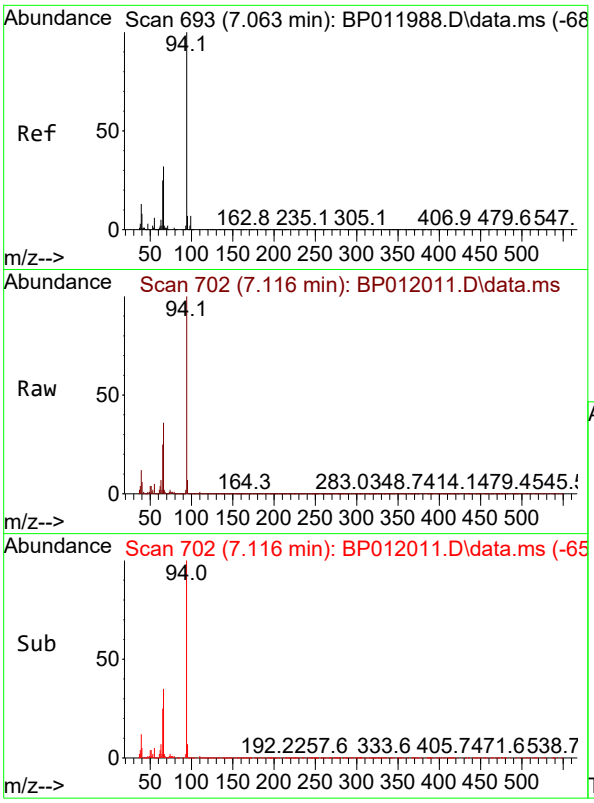


#6
Benzaldehyde
Concen: 1.494 ng/ul
RT: 7.016 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion: 77 Resp: 11639

Ion	Ratio	Lower	Upper
77	100		
105	895.4	87.0	130.6#
106	90.5	83.8	125.6



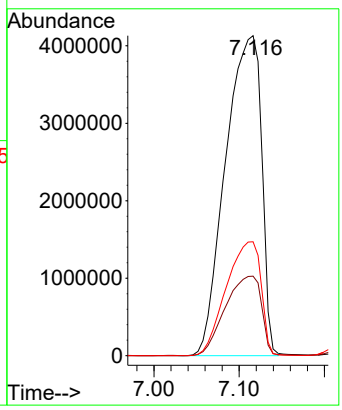


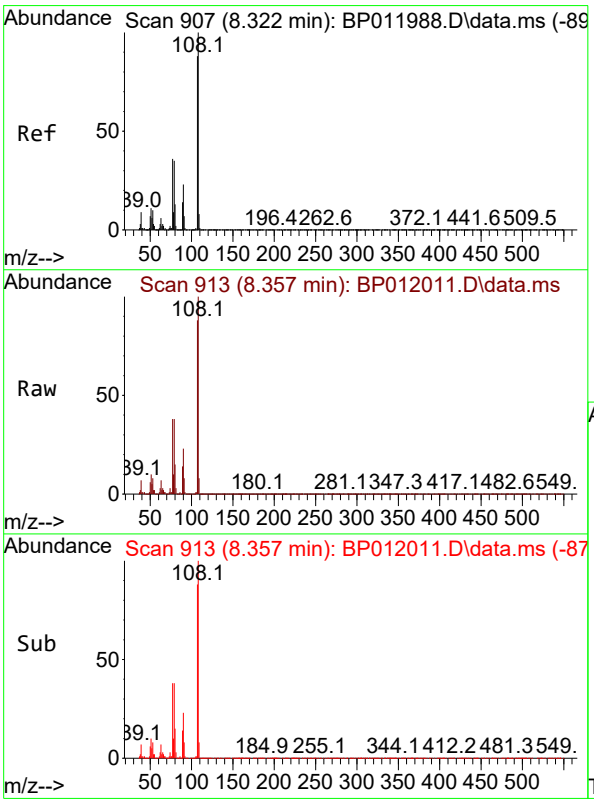
#8
Phenol
Concen: 657.808 ng/ul
RT: 7.116 min Scan# 7
Delta R.T. 0.053 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion: 94 Resp:12135045

Ion	Ratio	Lower	Upper
94	100		
65	24.9	19.5	29.3
66	35.6	25.0	37.4

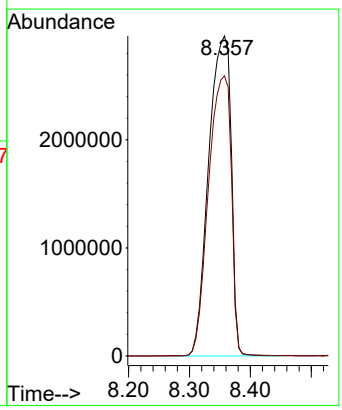


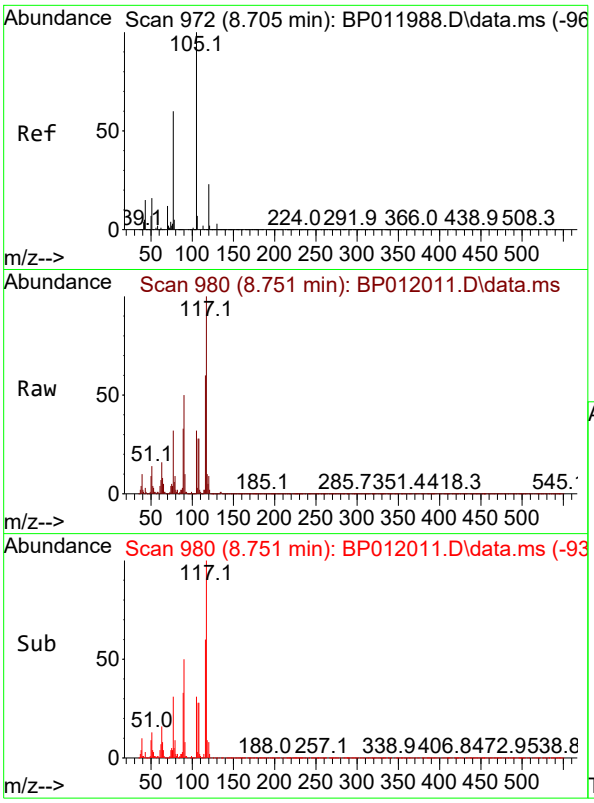


#13
2-Methylphenol
Concen: 523.409 ng/ul
RT: 8.357 min Scan# 913
Delta R.T. 0.035 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:108 Resp: 7607304

Ion	Ratio	Lower	Upper
108	100		
107	87.6	70.2	105.2



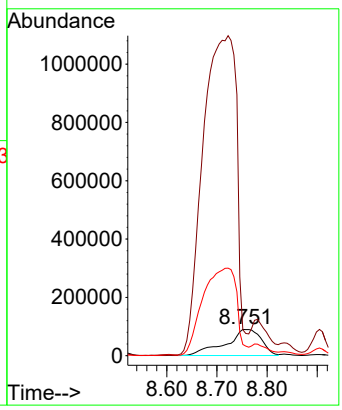


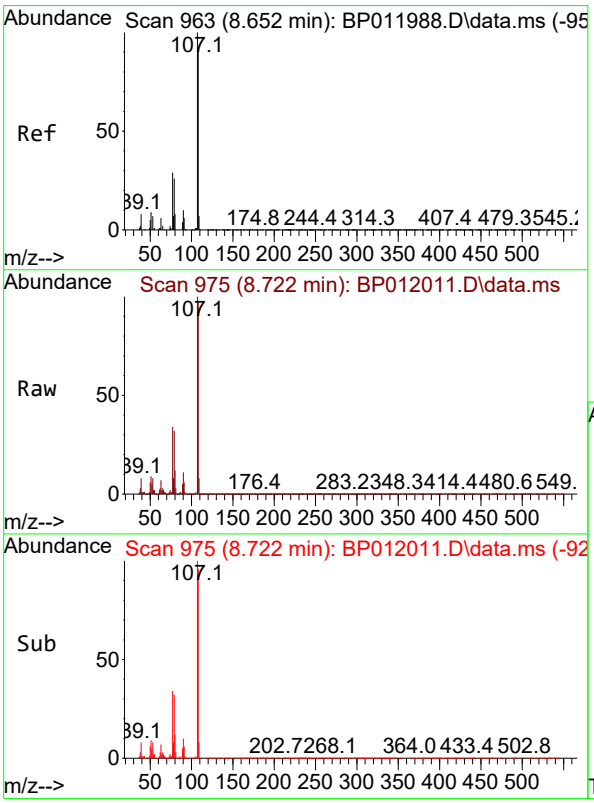
#16
Acetophenone
Concen: 19.960 ng/ul
RT: 8.751 min Scan# 9
Delta R.T. 0.047 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:105 Resp: 447441

Ion	Ratio	Lower	Upper
105	100		
77	99.0	55.4	83.0#
51	42.7	15.2	22.8#

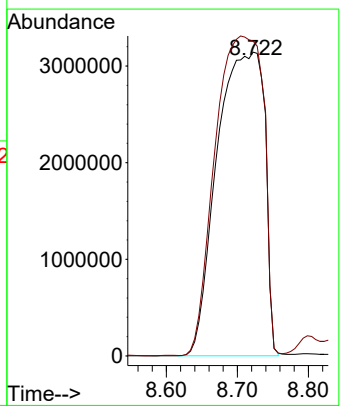


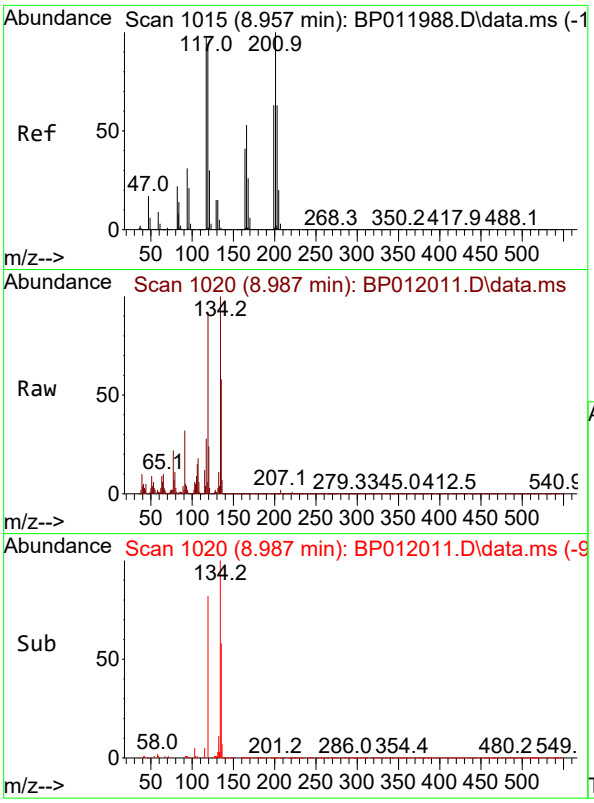


#18
4-Methylphenol
Concen: 911.452 ng/ul
RT: 8.722 min Scan# 975
Delta R.T. 0.070 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:108 Resp:14595819

Ion	Ratio	Lower	Upper
108	100		
107	103.6	88.0	132.0



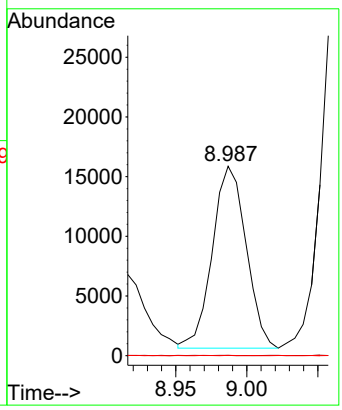


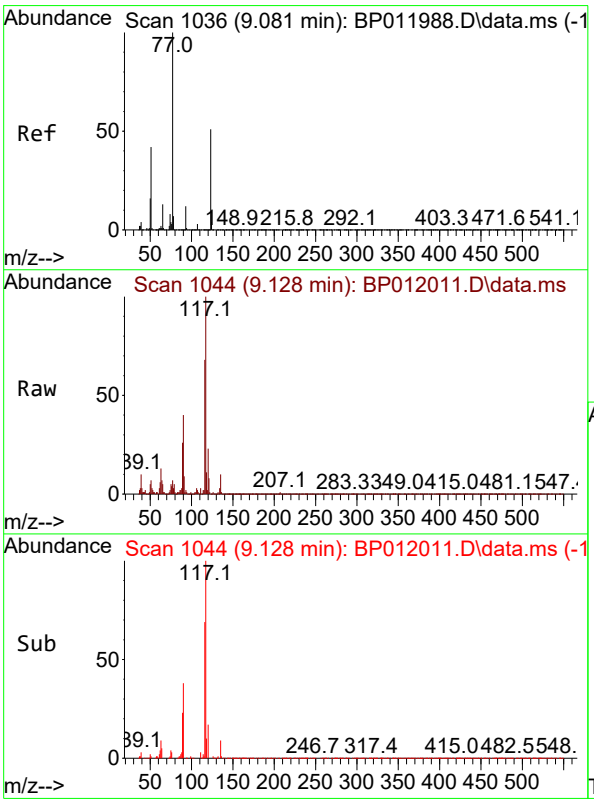
#19
Hexachloroethane
Concen: 4.504 ng/ul
RT: 8.987 min Scan# 1
Delta R.T. 0.029 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:117 Resp: 25218

Ion	Ratio	Lower	Upper
117	100		
201	0.2	82.4	123.6#
199	0.2	51.6	77.4#

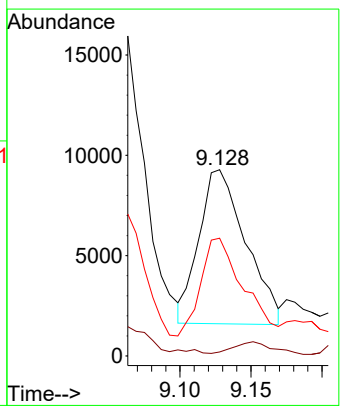


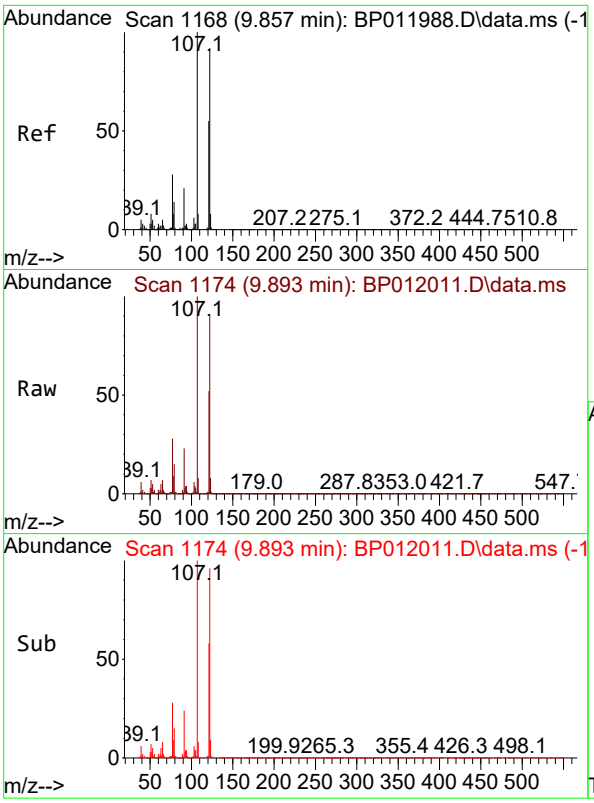


#22
Nitrobenzene
Concen: 1.284 ng/ul
RT: 9.128 min Scan# 1044
Delta R.T. 0.047 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion: 77 Resp: 17625

Ion	Ratio	Lower	Upper
77	100		
123	2.2	41.6	62.4#
65	63.2	9.7	14.5#



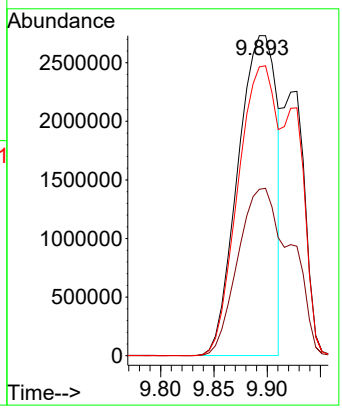


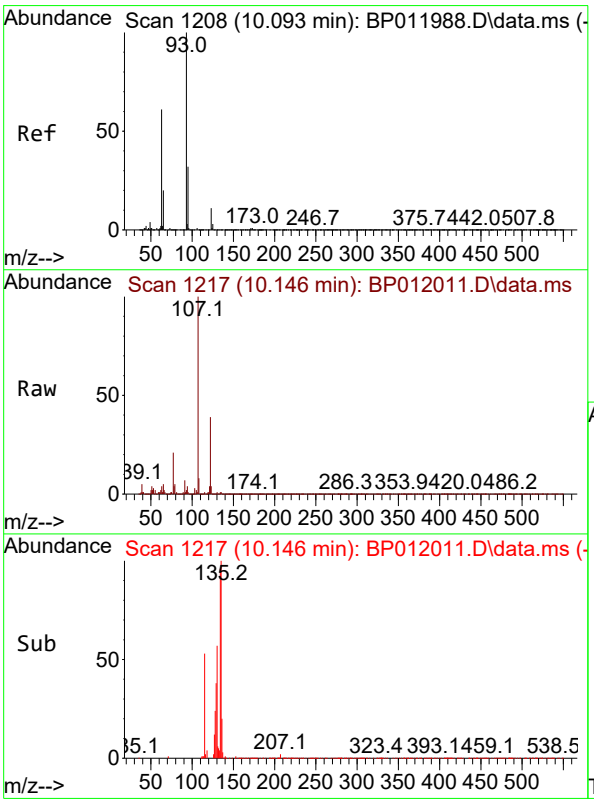
#26
2,4-Dimethylphenol
Concen: 471.537 ng/ul
RT: 9.893 min Scan# 11
Delta R.T. 0.035 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:107 Resp: 6908738

Ion	Ratio	Lower	Upper
107	100		
121	52.0	43.0	64.6
122	90.2	74.9	112.3

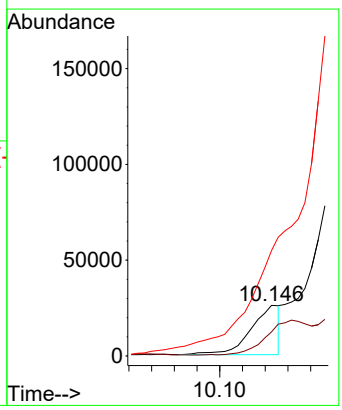


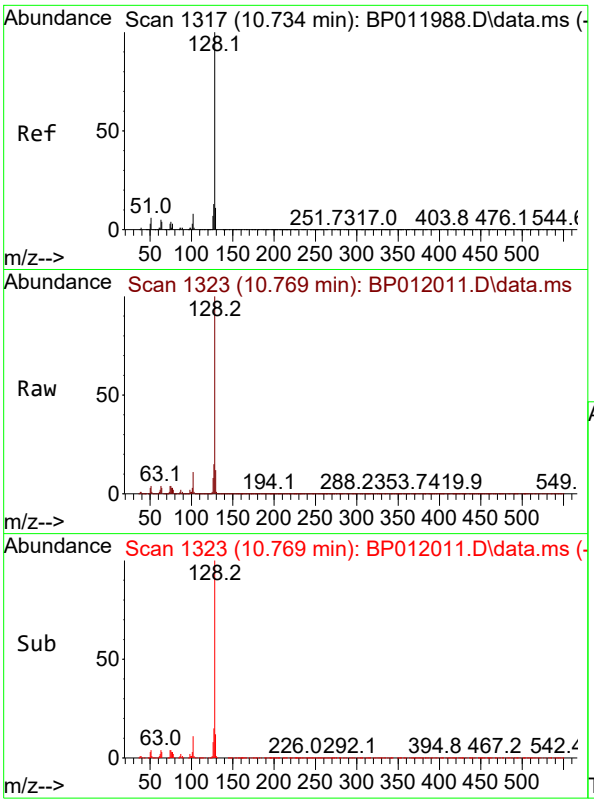


#27
Bis(2-Chloroethoxy)methane
Concen: 2.518 ng/ul
RT: 10.146 min Scan# 1217
Delta R.T. 0.053 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion: 93 Resp: 45243

Ion	Ratio	Lower	Upper
93	100		
95	47.4	26.3	39.5#
123	208.4	9.5	14.3#



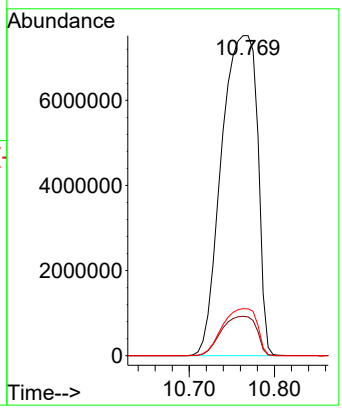


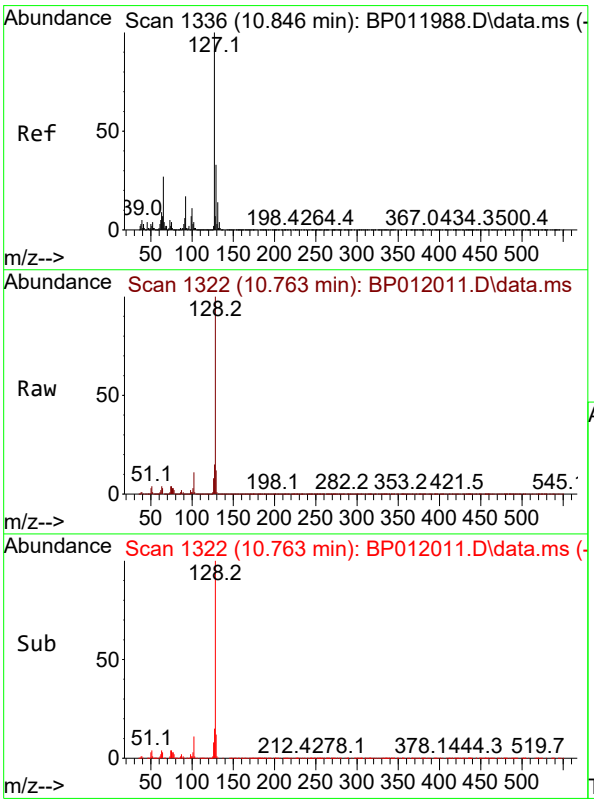
#30
Naphthalene
Concen: 489.744 ng/ul
RT: 10.769 min Scan# 1
Delta R.T. 0.035 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:128 Resp:22042615

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.9	13.3
127	14.6	10.5	15.7

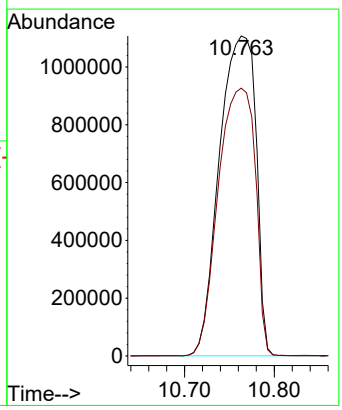


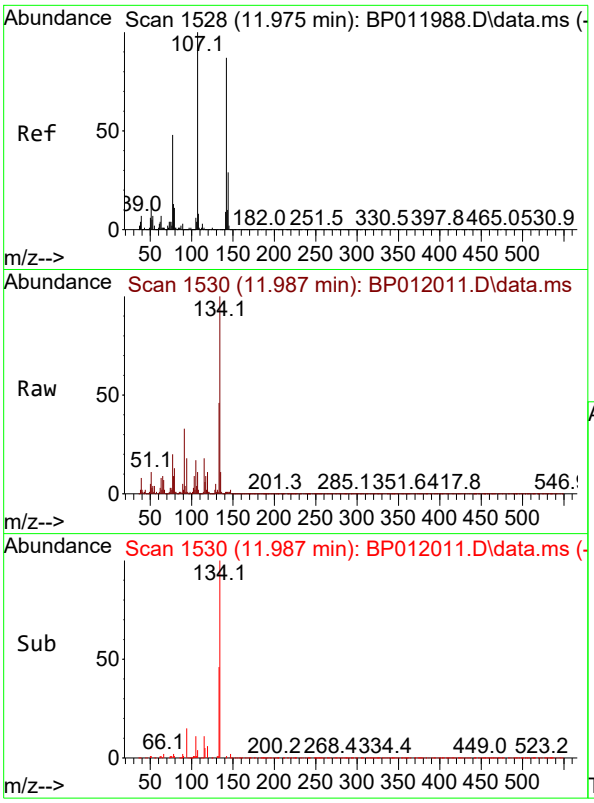


#32
4-Chloroaniline
Concen: 159.037 ng/ul
RT: 10.763 min Scan# 1322
Delta R.T. -0.082 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:127 Resp: 3133050

Ion	Ratio	Lower	Upper
127	100		
129	83.7	26.6	39.8#



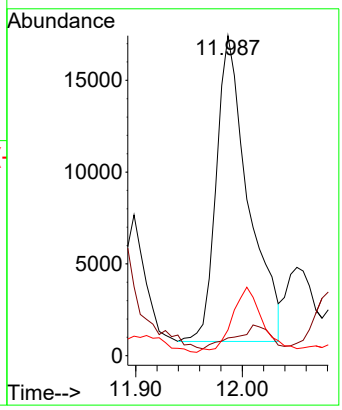


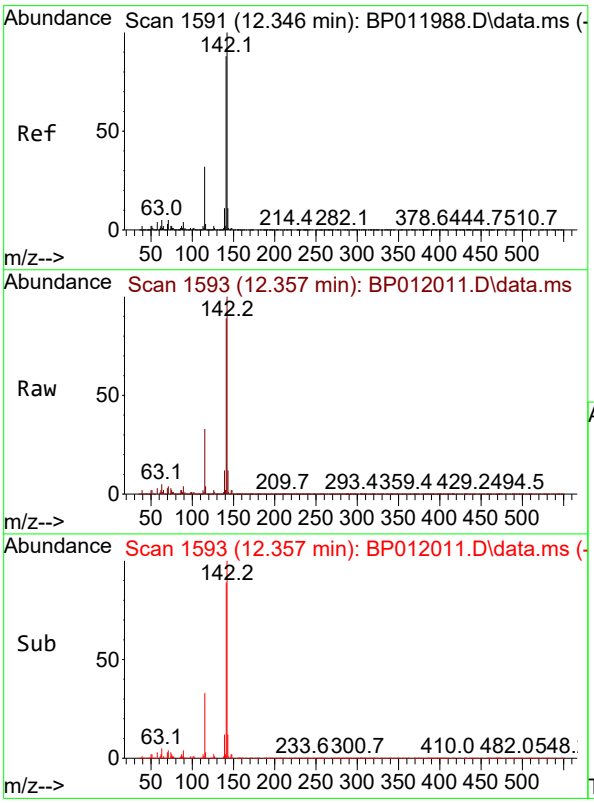
#35
4-Chloro-3-methylphenol
Concen: 2.494 ng/ul
RT: 11.987 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:107 Resp: 34614

Ion	Ratio	Lower	Upper
107	100		
144	5.6	22.5	33.7#
142	8.0	70.0	105.0#

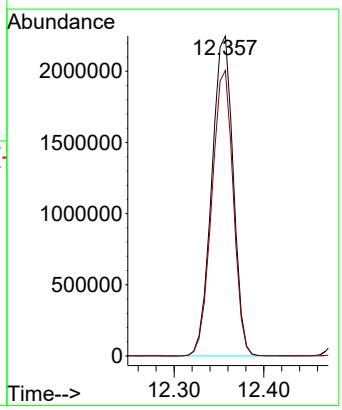


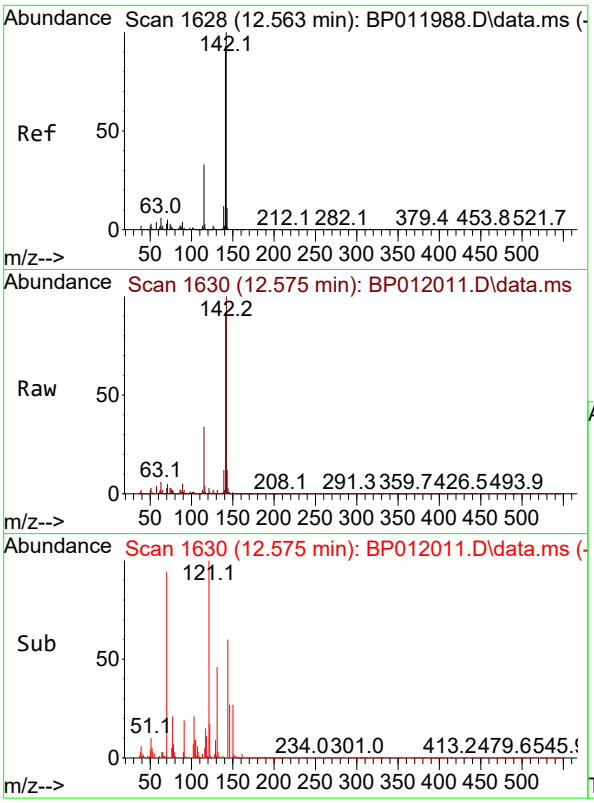


#36
2-Methylnaphthalene
Concen: 118.598 ng/ul
RT: 12.357 min Scan# 1593
Delta R.T. 0.012 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:142 Resp: 3727757

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.6	106.0



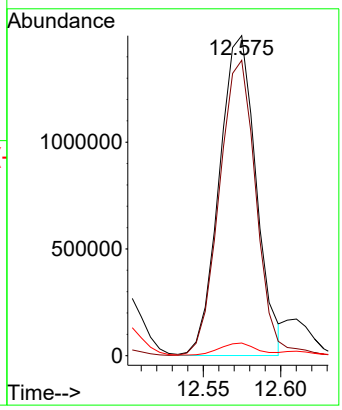


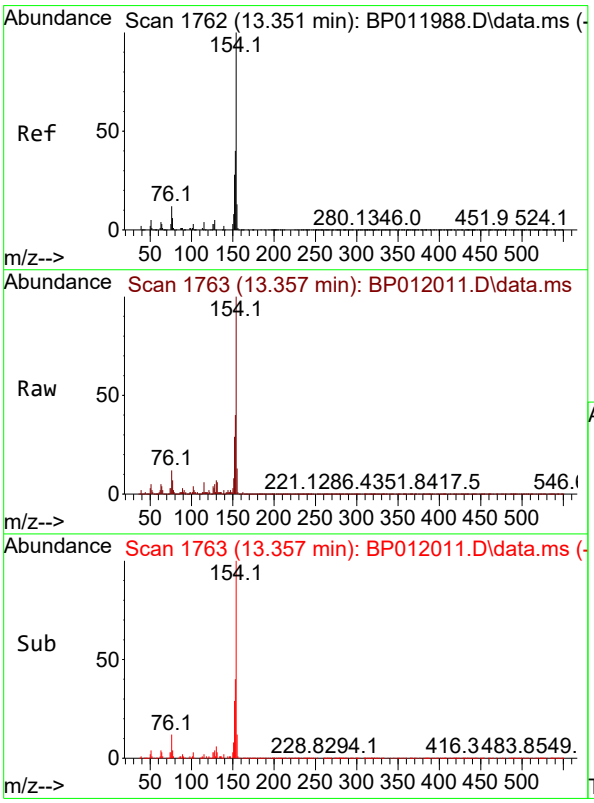
#37
1-Methylnaphthalene
Concen: 78.545 ng/ul
RT: 12.575 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:142 Resp: 2477281

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.8	112.2
116	3.9	2.9	4.3

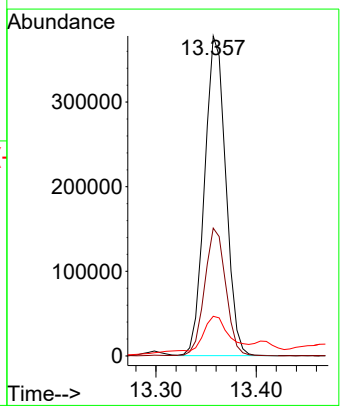


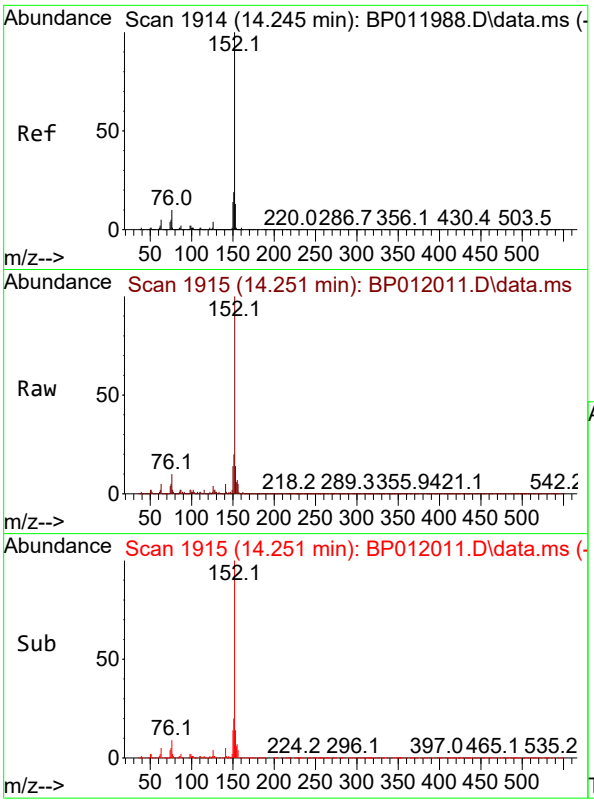


#43
1,1'-Biphenyl
Concen: 13.943 ng/ul
RT: 13.357 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:154 Resp: 552906

Ion	Ratio	Lower	Upper
154	100		
153	40.0	31.8	47.6
76	12.4	9.5	14.3



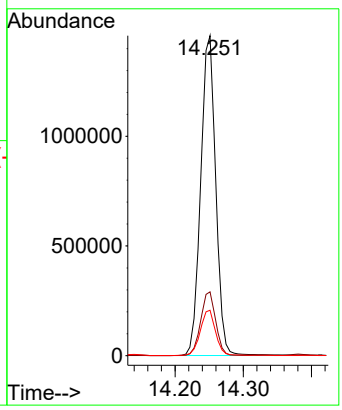


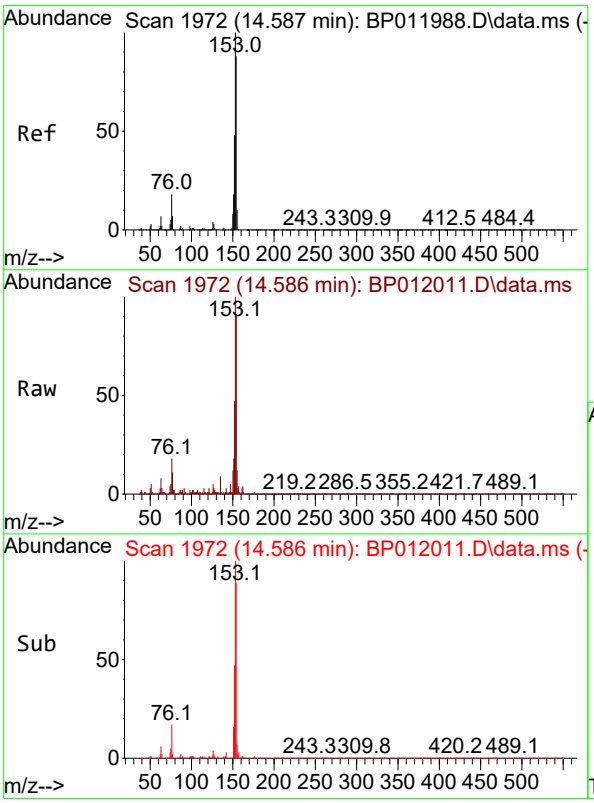
#50
Acenaphthylene
Concen: 46.036 ng/ul
RT: 14.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:152 Resp: 2234623

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	14.2	10.8	16.2

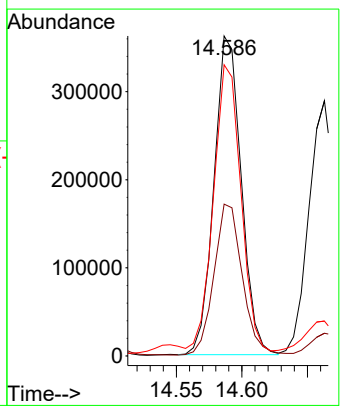


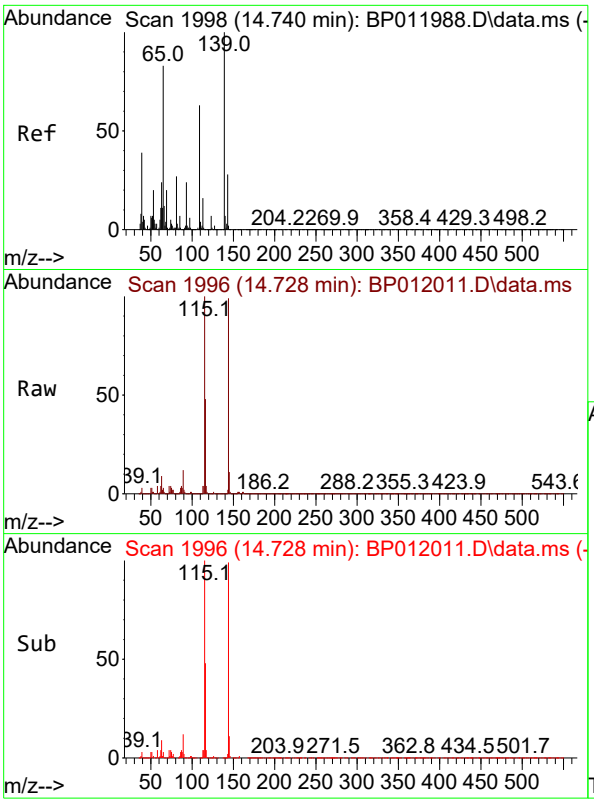


#52
Acenaphthene
Concen: 15.251 ng/ul
RT: 14.586 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:153 Resp: 522283

Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.4	57.6
154	91.0	70.6	105.8



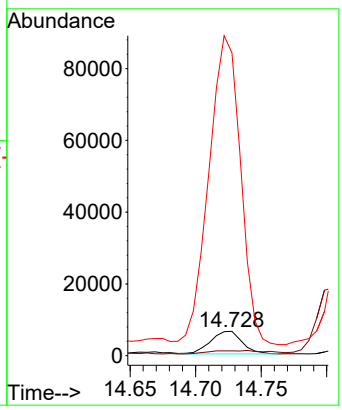


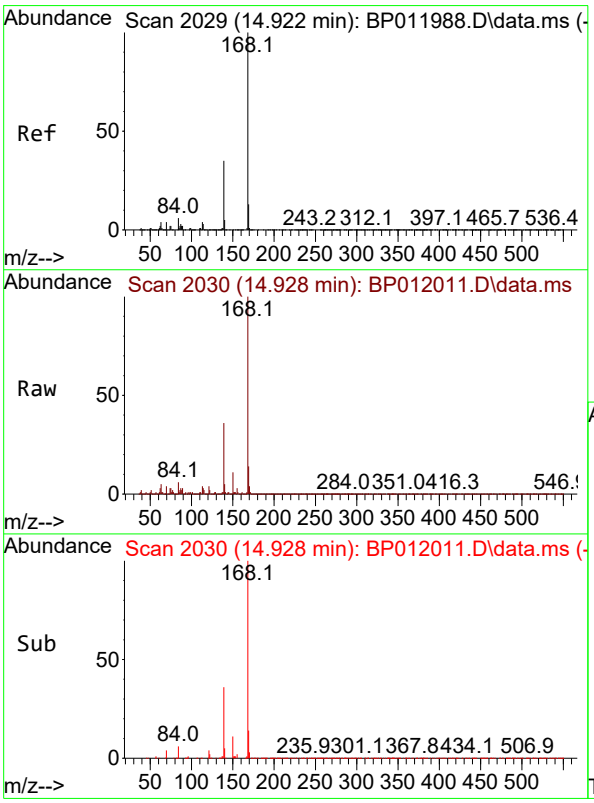
#55
4-Nitrophenol
Concen: 1.956 ng/ul
RT: 14.728 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:109 Resp: 10482

Ion	Ratio	Lower	Upper
109	100		
139	19.7	125.0	187.6#
65	1245.8	101.9	152.9#

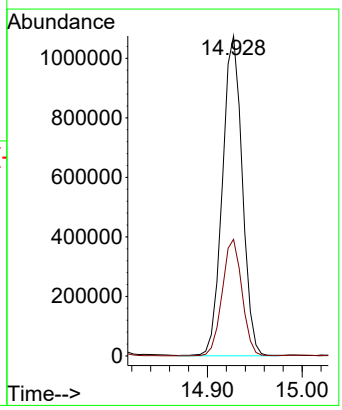


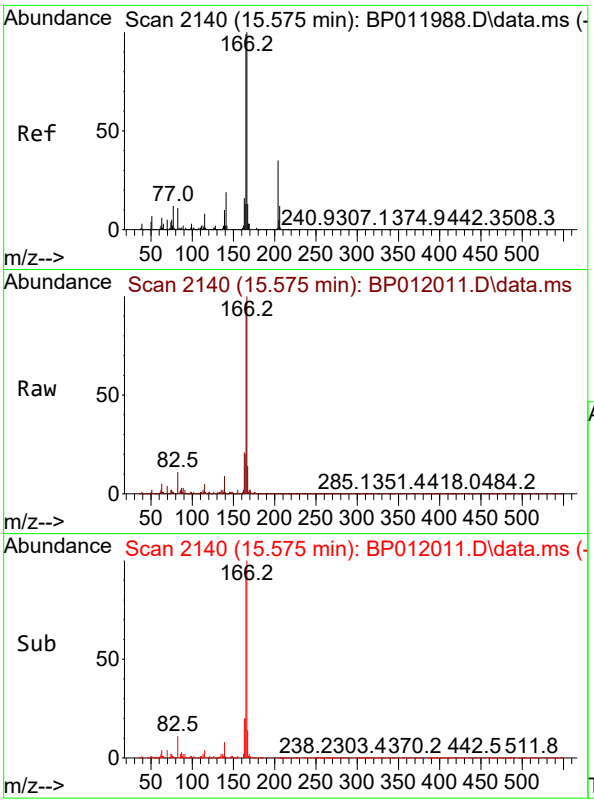


#56
Dibenzofuran
Concen: 33.375 ng/ul
RT: 14.928 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:168 Resp: 1565492

Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.4	44.2



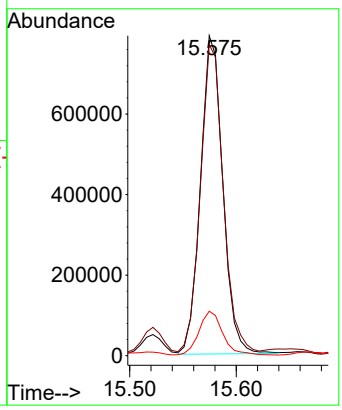


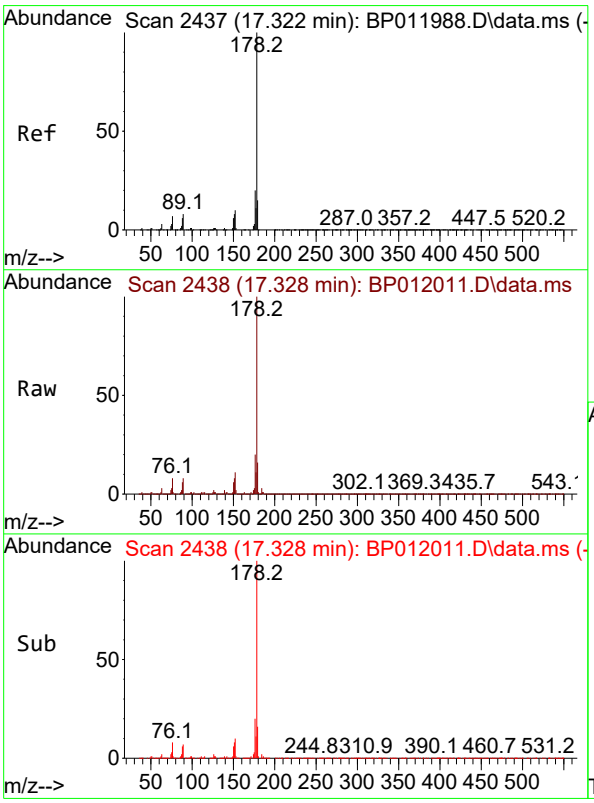
#61
Fluorene
Concen: 29.994 ng/ul
RT: 15.575 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:166 Resp: 1152303

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.2	115.8
167	13.9	10.7	16.1

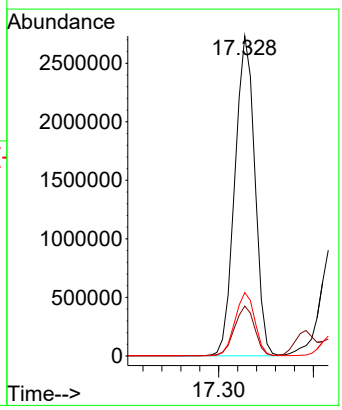


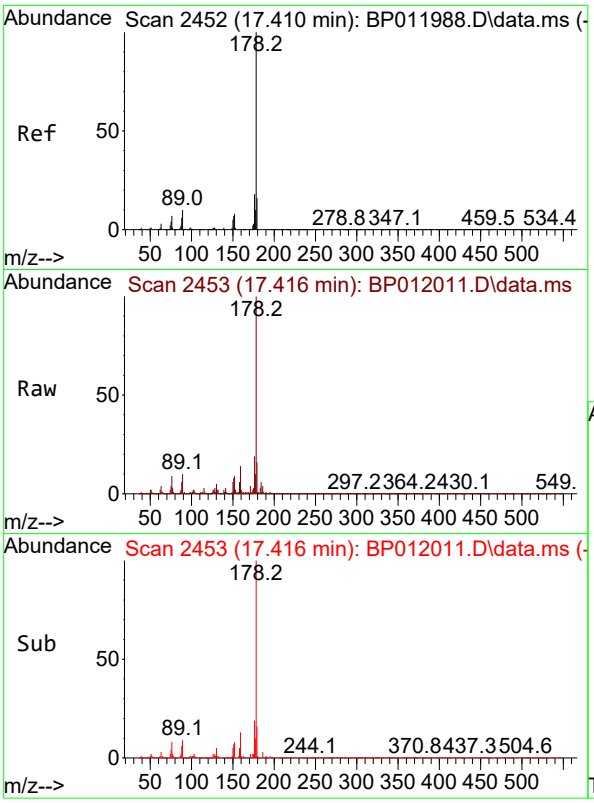


#72
Phenanthrene
Concen: 66.036 ng/ul
RT: 17.328 min Scan# 2438
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:178 Resp: 3995865

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.8	15.4	23.2



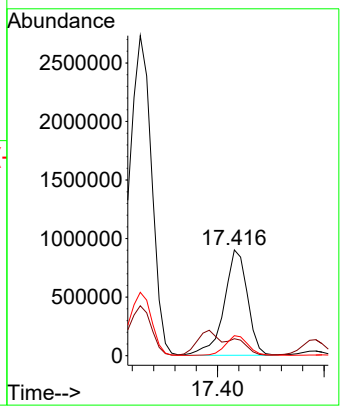


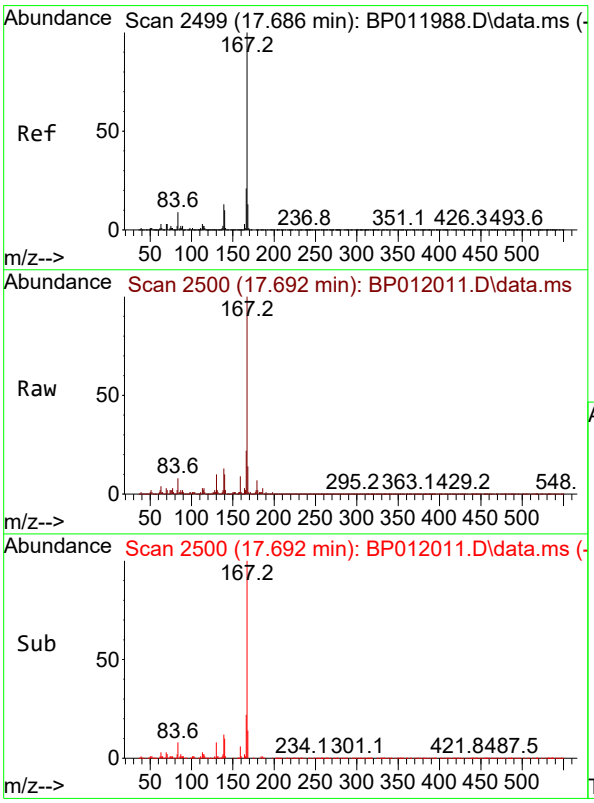
#74
Anthracene
Concen: 22.573 ng/ul
RT: 17.416 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:178 Resp: 1374267

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.9	15.4	23.2

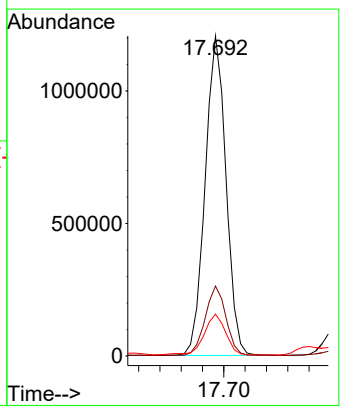


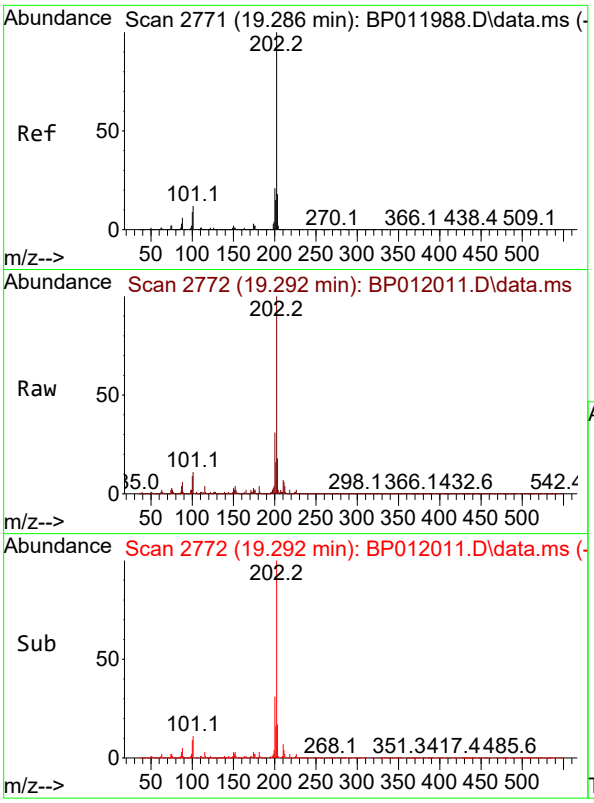


#77
Carbazole
Concen: 29.798 ng/ul
RT: 17.692 min Scan# 2500
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:167 Resp: 1639109

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	13.0	10.1	15.1



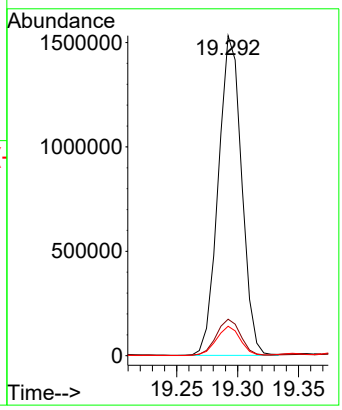


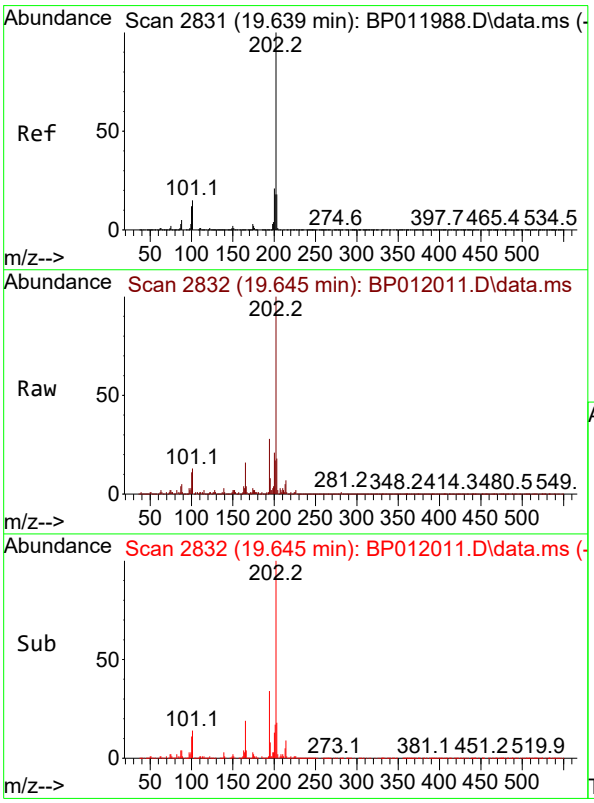
#80
Fluoranthene
Concen: 28.053 ng/ul
RT: 19.292 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:202 Resp: 2042475

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.6
100	9.2	7.4	11.0

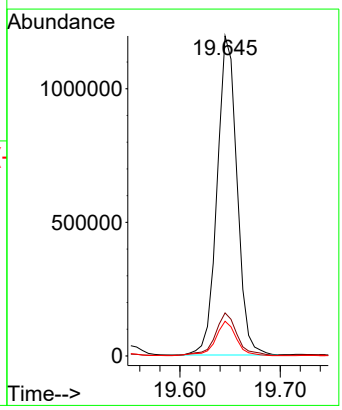


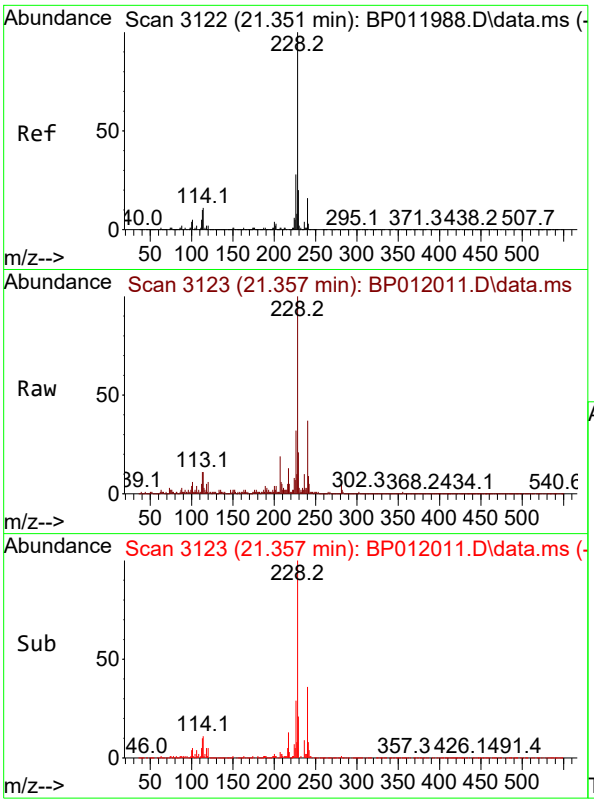


#82
Pyrene
Concen: 21.659 ng/ul
RT: 19.645 min Scan# 2832
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:202 Resp: 1641839

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.6	17.4
100	10.8	9.4	14.0



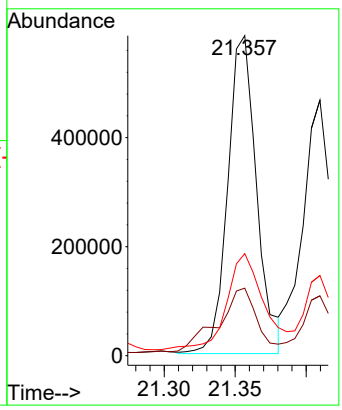


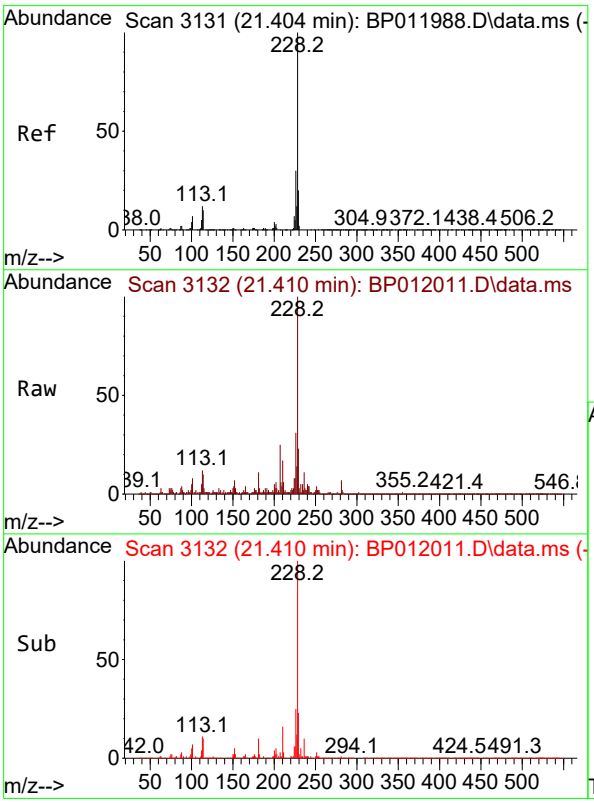
#85
Benzo(a)anthracene
Concen: 10.764 ng/ul
RT: 21.357 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:228 Resp: 826892

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.6
226	31.9	22.0	33.0

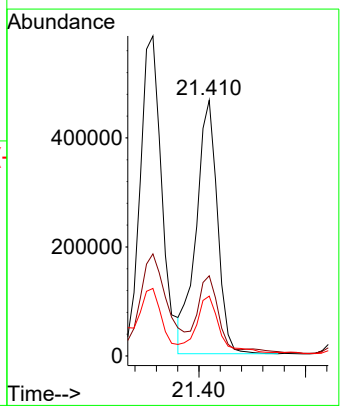


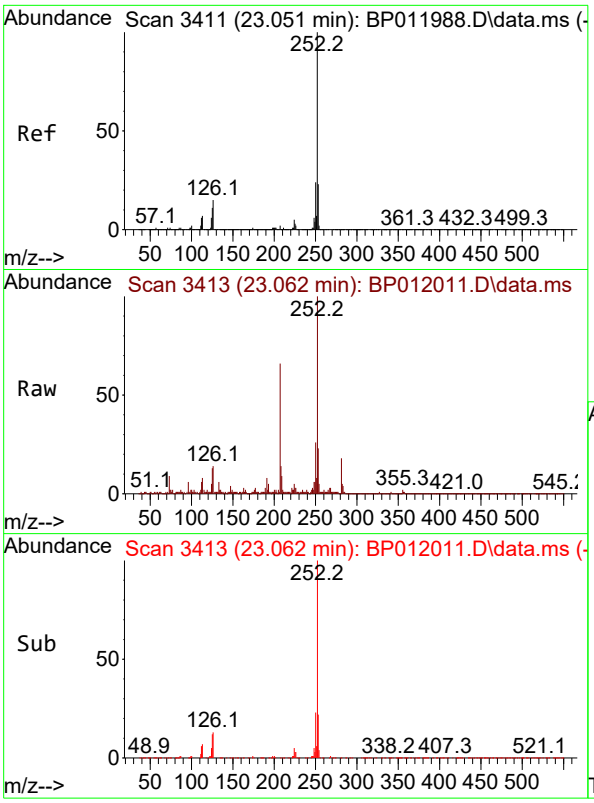


#87
Chrysene
Concen: 8.952 ng/ul
RT: 21.410 min Scan# 3132
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:228 Resp: 645376

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.3	37.9
229	23.4	16.2	24.2



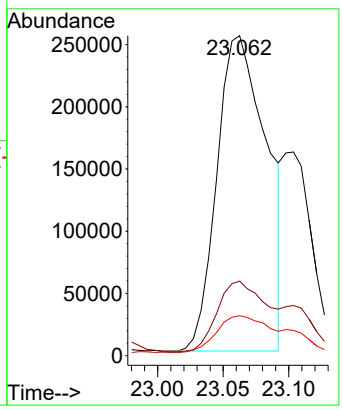


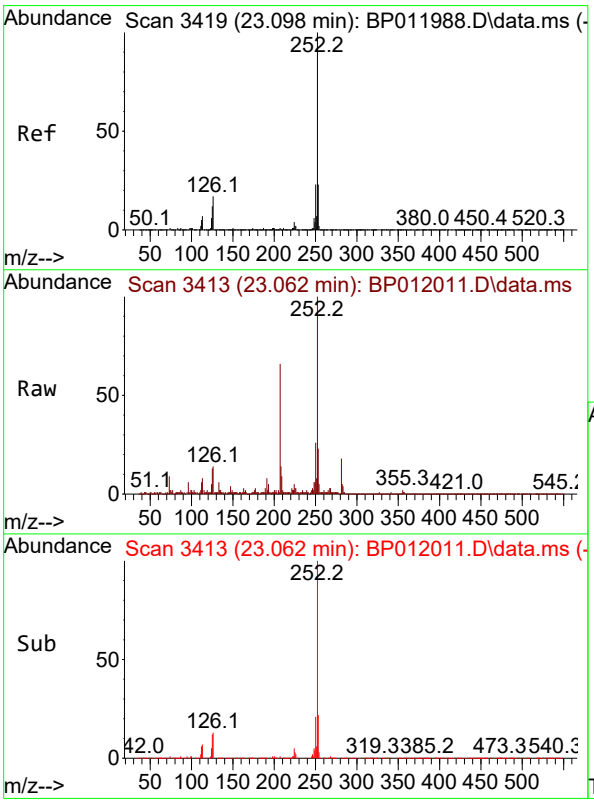
#90
Benzo(b)fluoranthene
Concen: 8.706 ng/ul
RT: 23.062 min Scan# 34
Delta R.T. 0.012 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:252 Resp: 667106

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	12.5	9.2	13.8

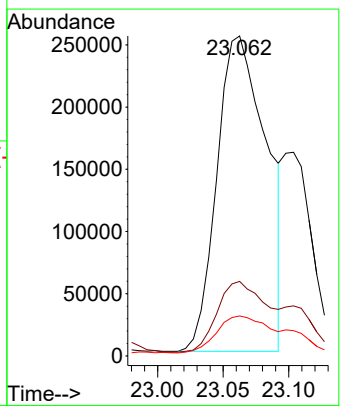


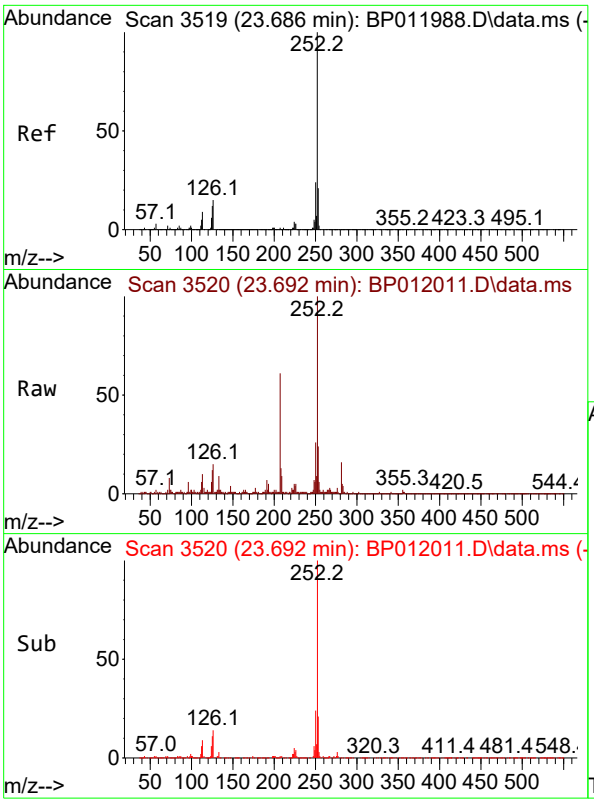


#91
Benzo(k)fluoranthene
Concen: 9.041 ng/ul
RT: 23.062 min Scan# 3413
Delta R.T. -0.035 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:252 Resp: 667106

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.5	9.2	13.8



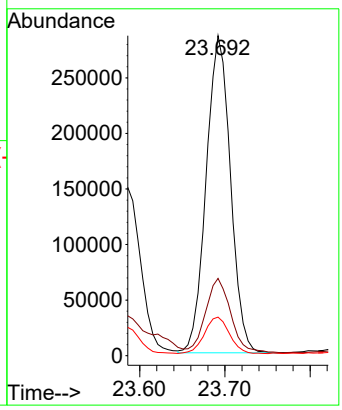


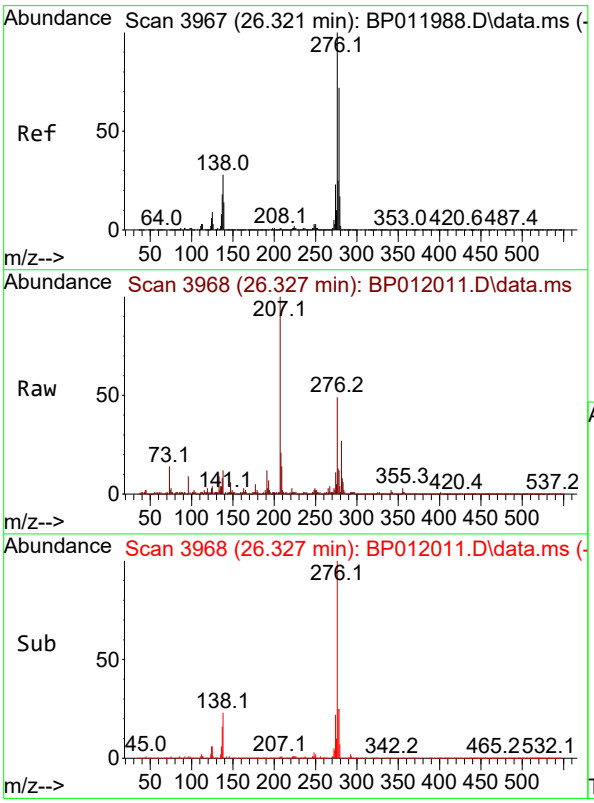
#93
Benzo(a)pyrene
Concen: 8.262 ng/ul
RT: 23.692 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:252 Resp: 564944

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	12.0	9.8	14.8

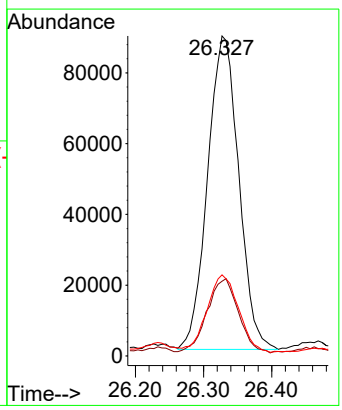


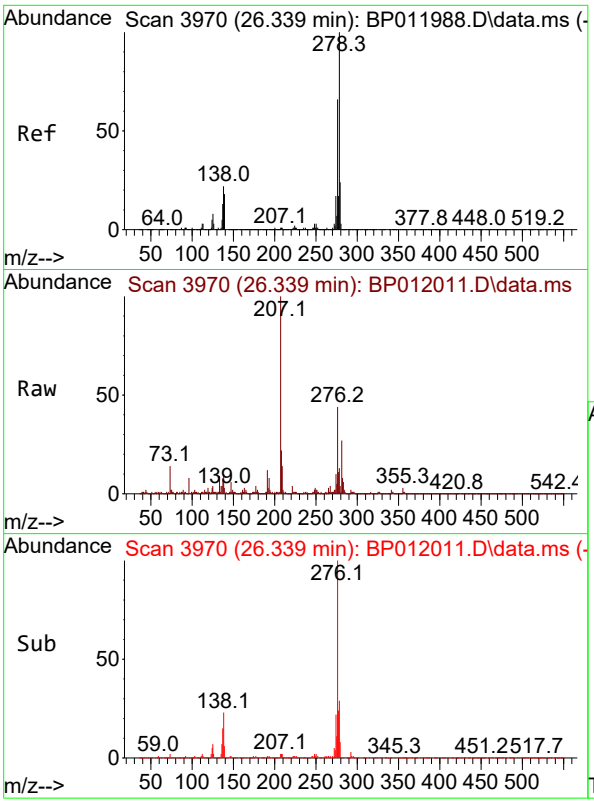


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.237 ng/ul
RT: 26.327 min Scan# 3968
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:276 Resp: 281737

Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.4	32.0
277	25.4	19.9	29.9



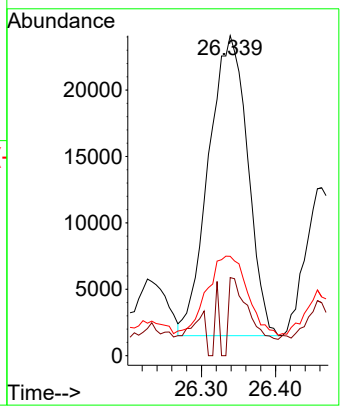


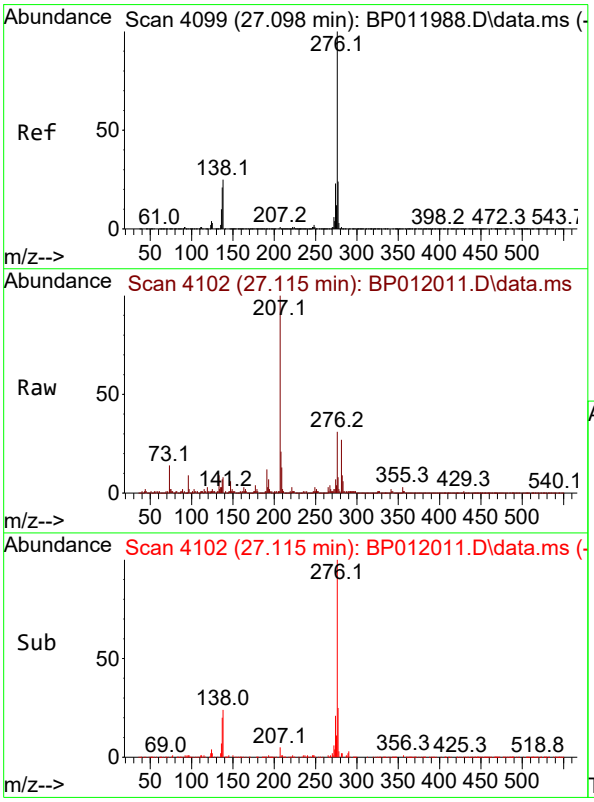
#95
Dibenzo(a,h)anthracene
Concen: 1.069 ng/ul
RT: 26.339 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:278 Resp: 82630

Ion	Ratio	Lower	Upper
278	100		
139	24.4	15.0	22.6#
279	31.1	19.0	28.6#





#96
Benzo(g,h,i)perylene
Concen: 2.822 ng/ul
RT: 27.115 min Scan# 4102
Delta R.T. 0.017 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:276 Resp: 217778

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.8	29.6
277	26.7	18.6	27.8