Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 17 23:27:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	116691	20.000	ng/ul	0.00
20) Naphthalene-d8	10.345	136	514401	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.234	164	305700	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	577286	20.000	ng/ul	0.01
79) Chrysene-d12	21.174	240	686780	20.000	ng/ul	0.04
88) Perylene-d12	23.351	264	812204	20.000	ng/ul	-0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	11907	3.166	ng/uL	0.00
4) Pyridine-d5	3.481	84	80044	8.314	ng/ul	0.00
7) Phenol-d5	6.746	99	249497	23.267	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.904	67	150098	21.545	ng/ul	0.00
11) 2-Chlorophenol-d4	7.093	132	199168	25.253	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	204724	23.852	ng/ul	0.00
21) Nitrobenzene-d5	8.722	128	95398	25.760	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	97305	25.817	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	178565	25.667	ng/ul	0.00
31) 4-Chloroaniline-d4	10.498	131	237031	20.467	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	553316	25.591	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	648369	26.981	ng/ul	0.00
54) 4-Nitrophenol-d4	14.469	143	66504	15.964	ng/ul	0.00
60) Fluorene-d10	15.239	176	479947	26.385	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	19779	6.341	ng/ul	0.03
73) Anthracene-d10	17.122	188	757286	29.619	ng/ul	0.02
81) Pyrene-d10	19.386	212	840138	24.178	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.351	264	807764	20.445	ng/ul	0.07
Target Compounds						Qvalue
5) Pyridine	3.458	79	12174	1.267	ng/ul#	39
8) Phenol	6.775	94	35154	3.190	ng/ul	97
13) 2-Methylphenol	8.016	108	18560	2.286	ng/ul	98
18) 4-Methylphenol	8.346	108	48669	5.415	ng/ul	96
19) Hexachloroethane	8.657	117	6375	1.656	ng/ul#	16
30) Naphthalene	10.404	128	6779500	249.608	ng/ul	99
32) 4-Chloroaniline	10.404	127	912620	76.060	ng/ul#	8
36) 2-Methylnaphthalene	12.028	142	1177931	66.660	ng/ul	98
37) 1-Methylnaphthalene	12.245	142	873396	48.732	ng/ul	97
43) 1,1'-Biphenyl	13.057	154	512835	22.514	ng/ul	98
50) Acenaphthylene	13.957	152	3456233	121.064	ng/ul	99
52) Acenaphthene	14.298	153	273020	14.278	ng/ul	94
56) Dibenzofuran	14.639	168	3172917	120.328	ng/ul	99
57) 2,4-Dinitrotoluene	14.639	165	7961	1.324	ng/ul#	1
61) Fluorene	15.298	166	1784339	82.714	ng/ul	99
63) 4-Nitroaniline	15.298	138	26955	6.377	ng/ul#	7
72) Phenanthrene	17.157	178	6028541	192.934	ng/ul	100
74) Anthracene	17.157	178	6023035	191.063	ng/ul	99
77) Carbazole	17.427	167	2149708	72.500	ng/ul	99
80) Fluoranthene	19.210	202	2461501	57.604	ng/ul	96
82) Pyrene	19.327	202	186557	4.155	ng/ul	98
85) Benzo(a)anthracene	21.204	228	1985243	47.446	ng/ul#	90
87) Chrysene	21.204	228	1985243	48.299	ng/ul	92
90) Benzo(b)fluoranthene	22.698	252	112179	2.220	ng/ul#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 17 23:27:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91)	Benzo(k)fluoranthene	22.698	252	112179	2.327	ng/ul#	1
93)	Benzo(a)pyrene	23.304	252	16217093	328.776	ng/ul	95
94)	Indeno(1,2,3-cd)pyrene	25.615	276	2790082	50.713	ng/ul#	94
95)	Dibenzo(a,h)anthracene	25.551	278	1512083	31.919	ng/ul	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
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Instrument :
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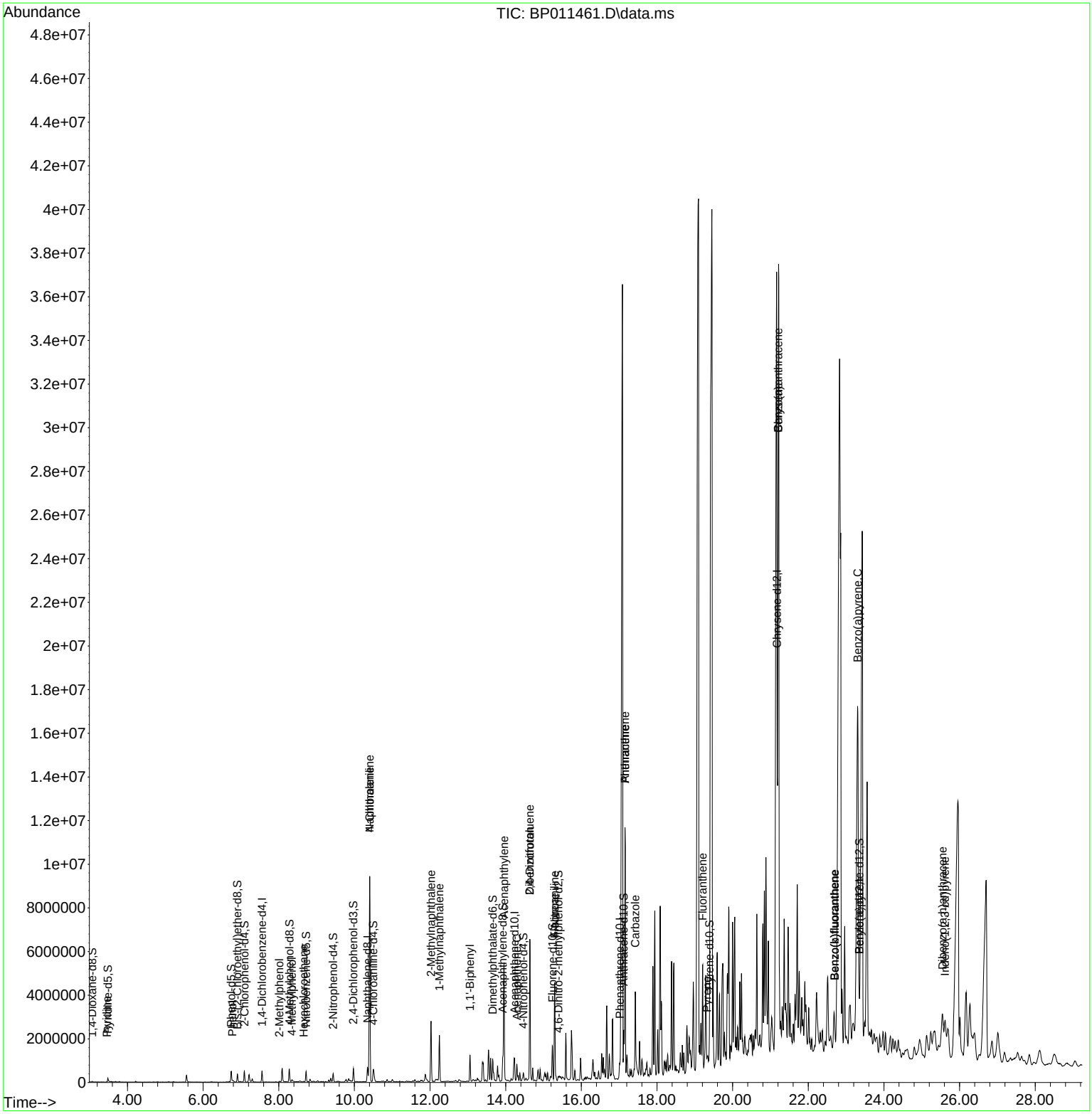
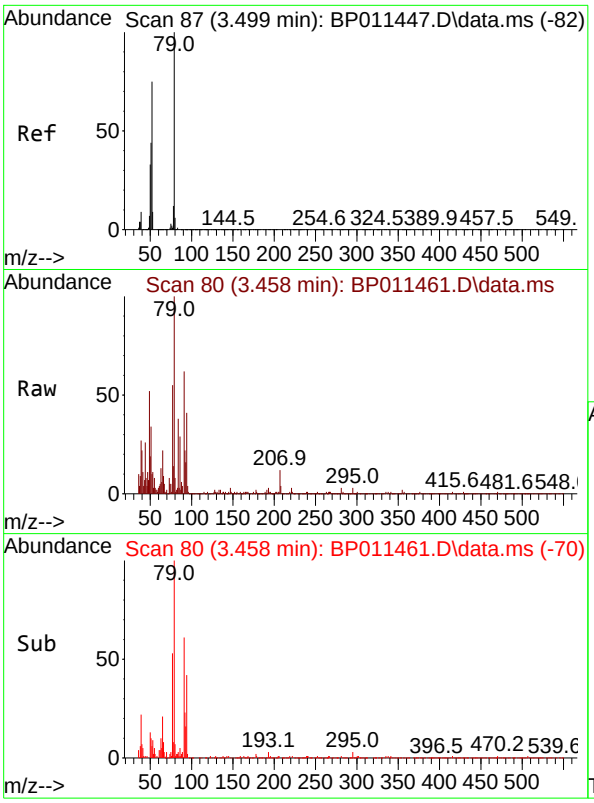
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration



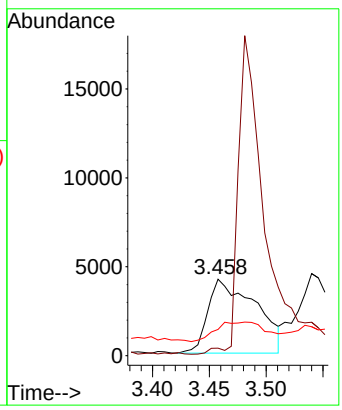


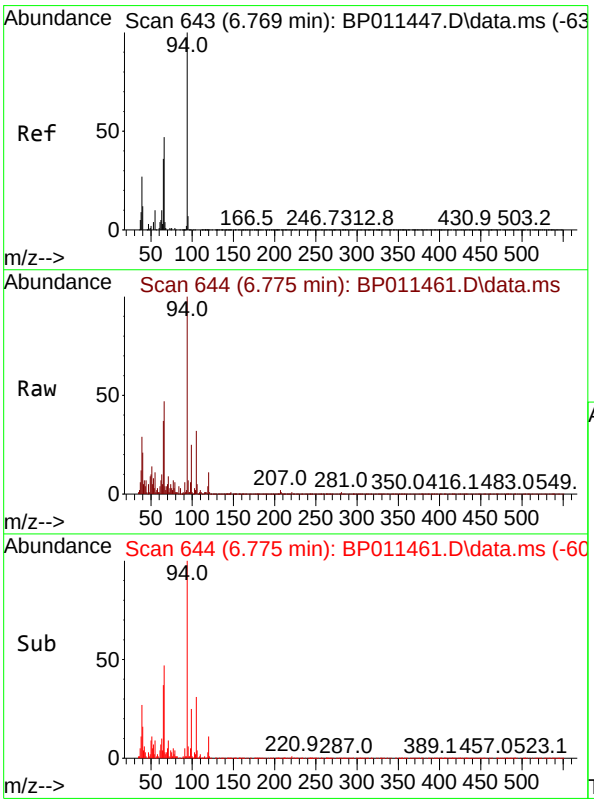
#5
Pyridine
Concen: 1.267 ng/ul
RT: 3.458 min Scan# 8
Delta R.T. -0.041 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 79 Resp: 12174

Ion	Ratio	Lower	Upper
79	100		
52	9.7	70.2	105.2#
51	34.3	36.1	54.1#

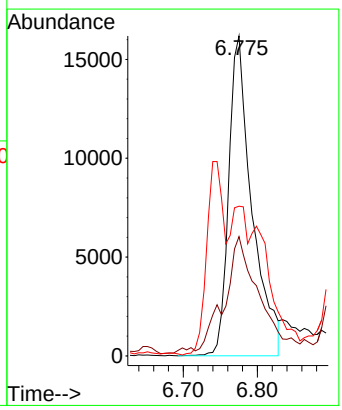


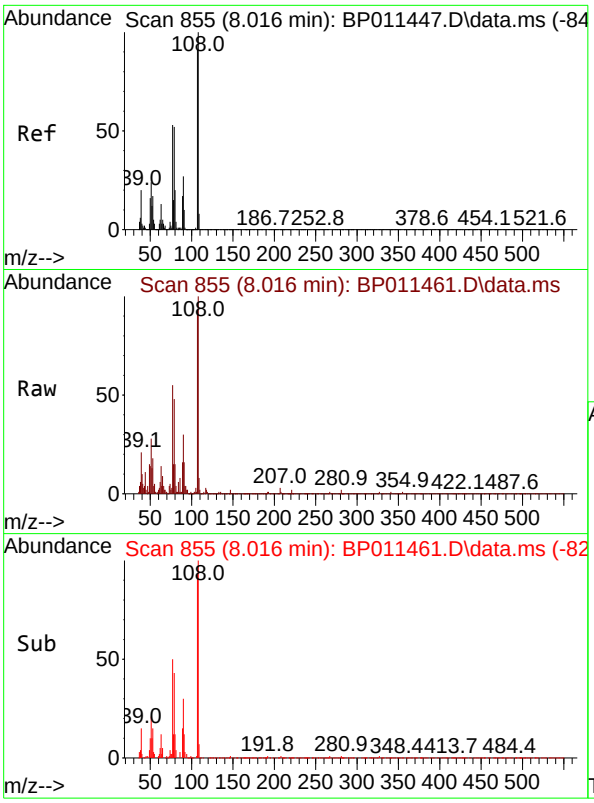


#8
Phenol
Concen: 3.190 ng/ul
RT: 6.775 min Scan# 644
Delta R.T. 0.006 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Tgt Ion: 94 Resp: 35154

Ion	Ratio	Lower	Upper
94	100		
65	37.3	28.9	43.3
66	46.8	39.4	59.0



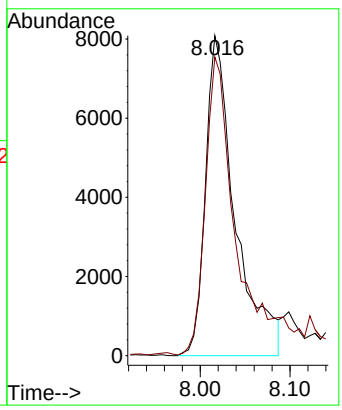


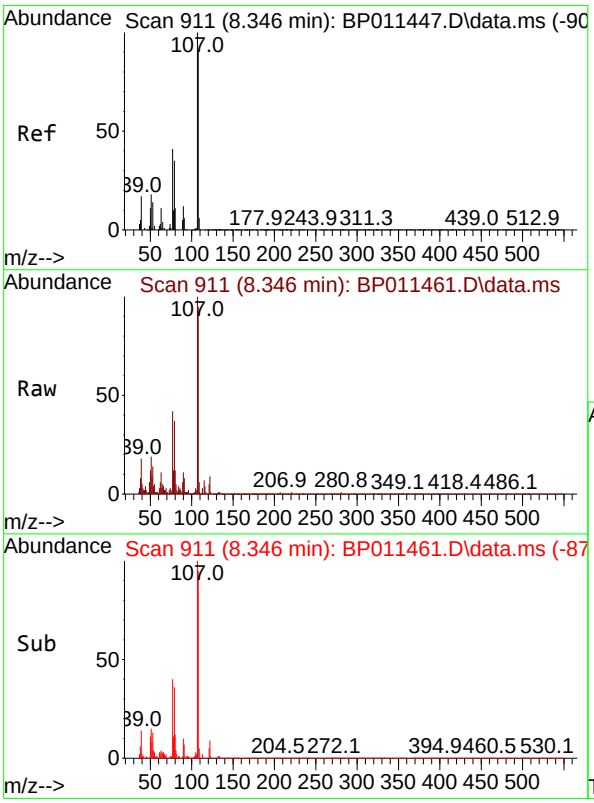
#13
2-Methylphenol
Concen: 2.286 ng/ul
RT: 8.016 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:108 Resp: 18560

Ion	Ratio	Lower	Upper
108	100		
107	93.4	73.2	109.8

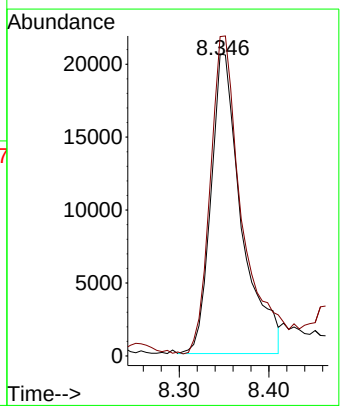


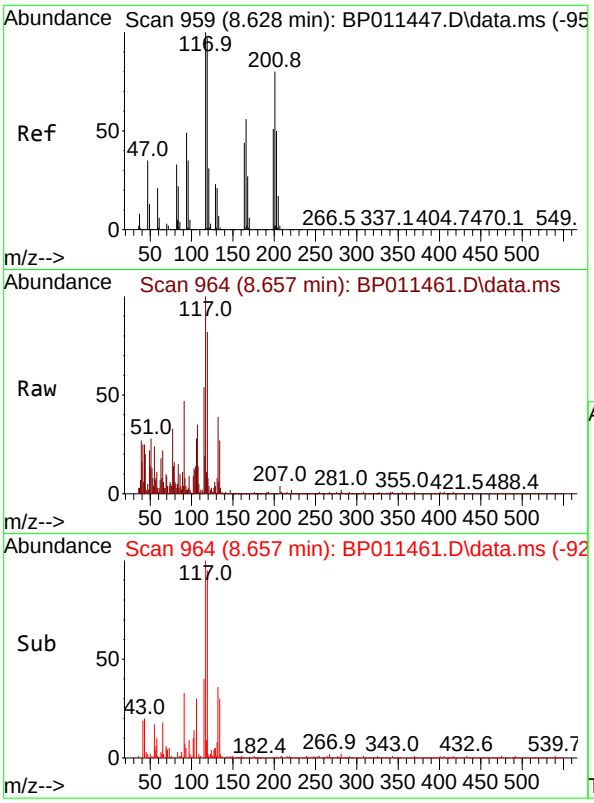


#18
4-Methylphenol
Concen: 5.415 ng/ul
RT: 8.346 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Tgt Ion:108 Resp: 48669

Ion	Ratio	Lower	Upper
108	100		
107	105.8	87.7	131.5



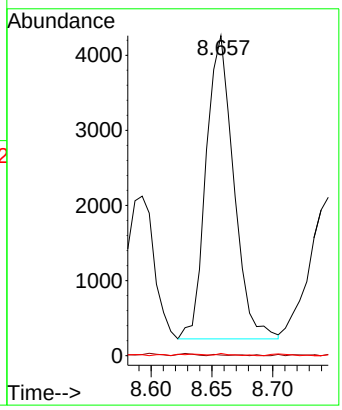


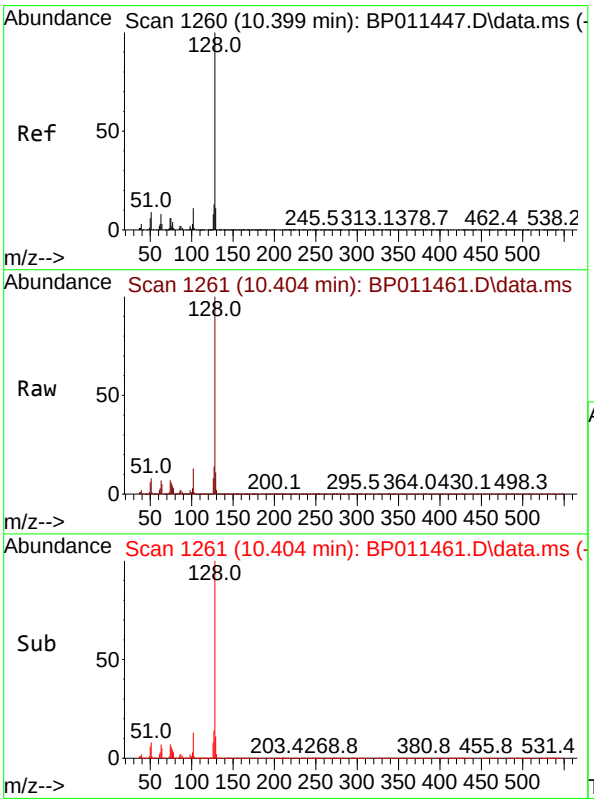
#19
Hexachloroethane
Concen: 1.656 ng/ul
RT: 8.657 min Scan# 9
Delta R.T. 0.029 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:117 Resp: 6375

Ion	Ratio	Lower	Upper
117	100		
201	0.2	64.2	96.4#
199	0.7	41.0	61.6#

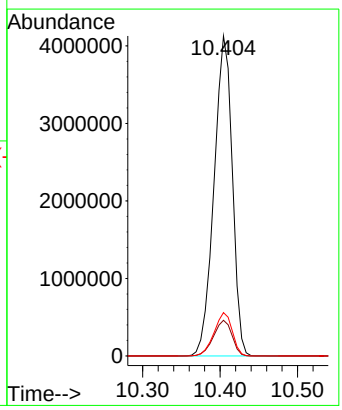


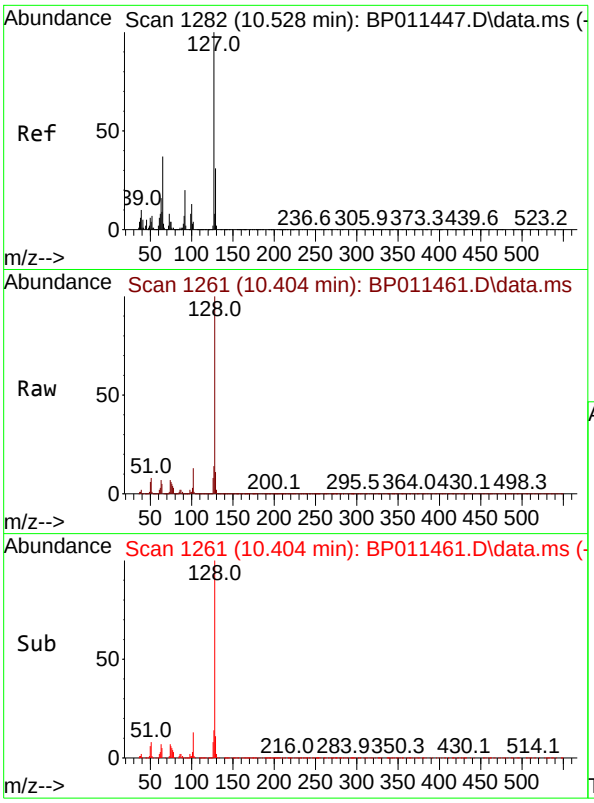


#30
Naphthalene
Concen: 249.608 ng/ul
RT: 10.404 min Scan# 1261
Delta R.T. 0.006 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Tgt Ion:128 Resp: 6779500

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.6	10.3	15.5



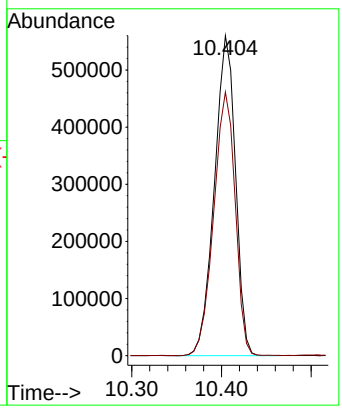


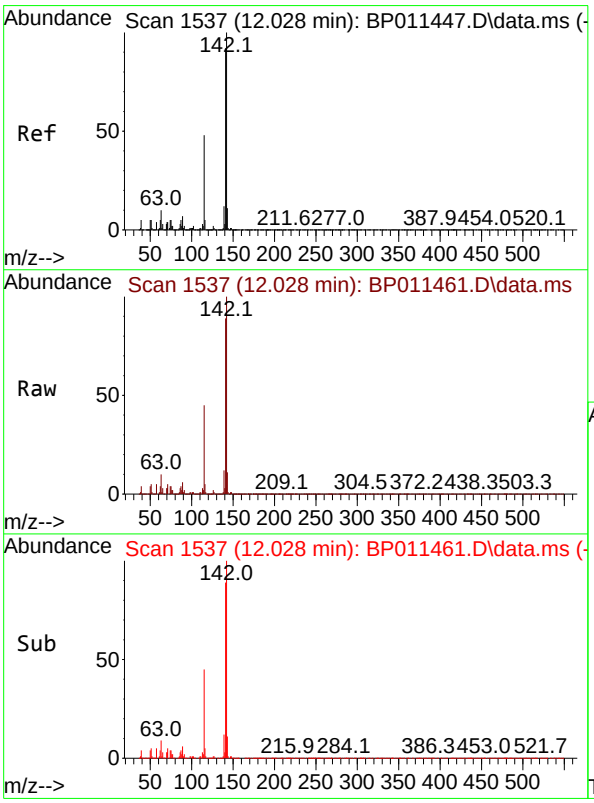
#32
4-Chloroaniline
Concen: 76.060 ng/ul
RT: 10.404 min Scan# 1
Delta R.T. -0.124 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:127 Resp: 912620

Ion	Ratio	Lower	Upper
127	100		
129	82.4	25.1	37.7#

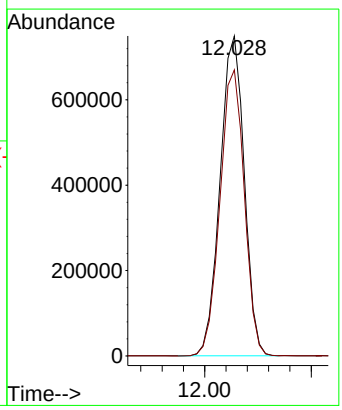


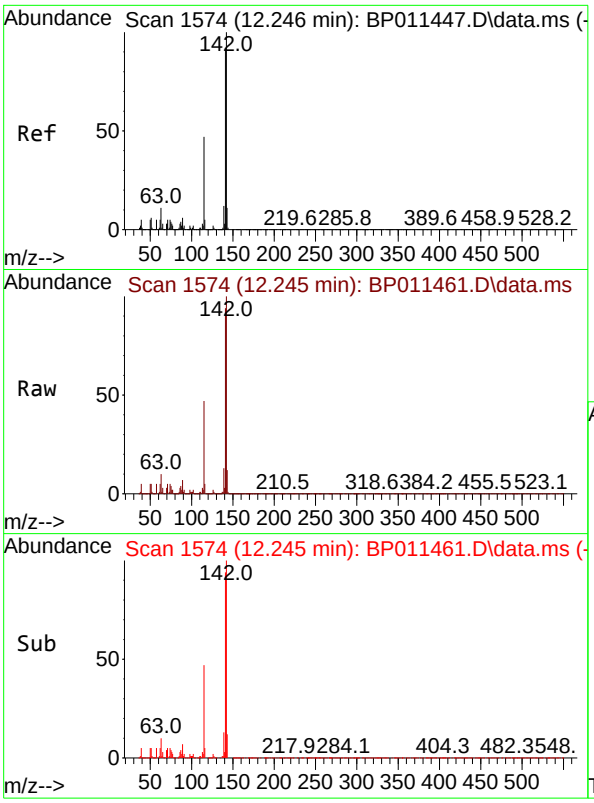


#36
2-Methylnaphthalene
Concen: 66.660 ng/ul
RT: 12.028 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Tgt Ion:142 Resp: 1177931

Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.4	110.0



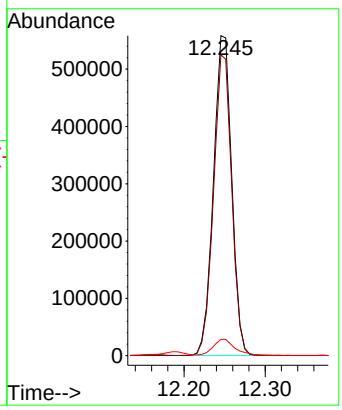


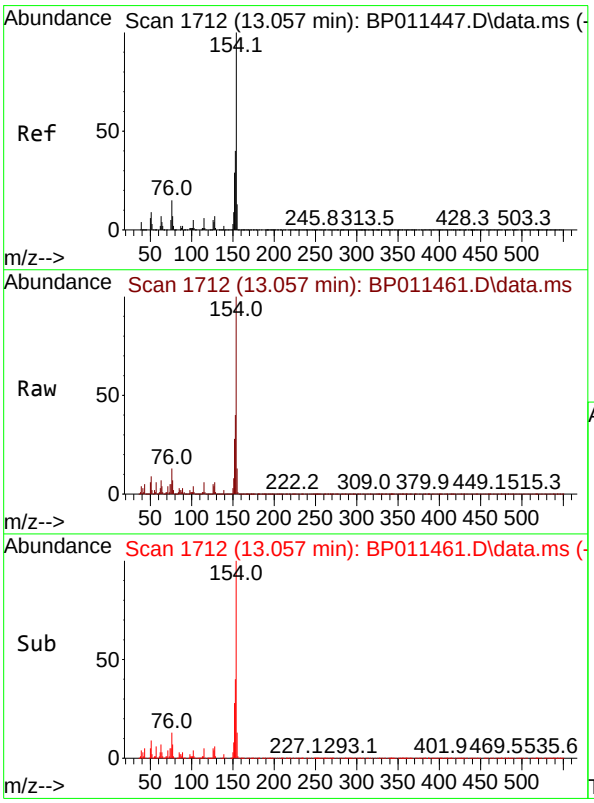
#37
1-Methylnaphthalene
Concen: 48.732 ng/ul
RT: 12.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 873396

Ion	Ratio	Lower	Upper
142	100		
141	94.0	73.0	109.6
116	5.1	4.0	6.0

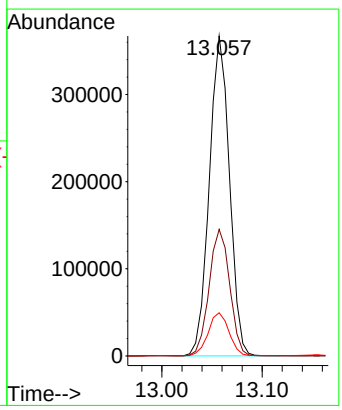


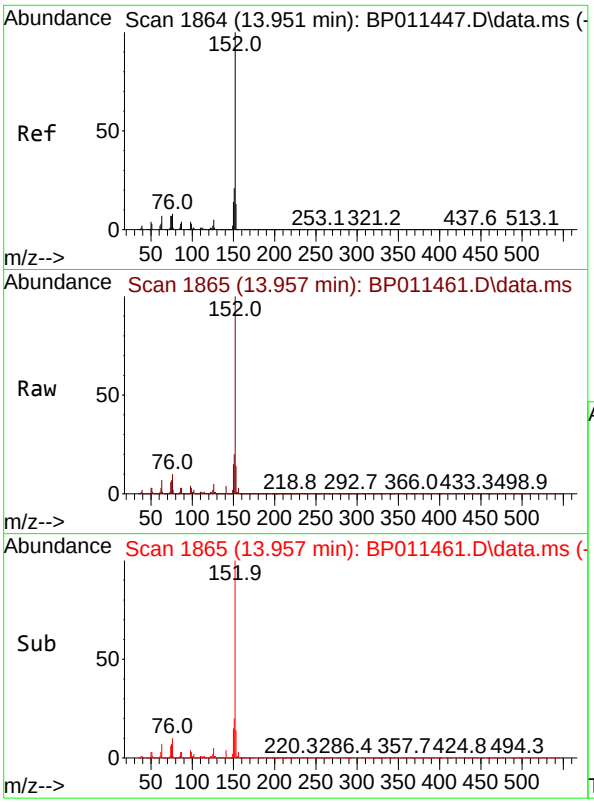


#43
1,1'-Biphenyl
Concen: 22.514 ng/ul
RT: 13.057 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Tgt Ion:154 Resp: 512835

Ion	Ratio	Lower	Upper
154	100		
153	39.5	32.2	48.4
76	13.5	11.6	17.4



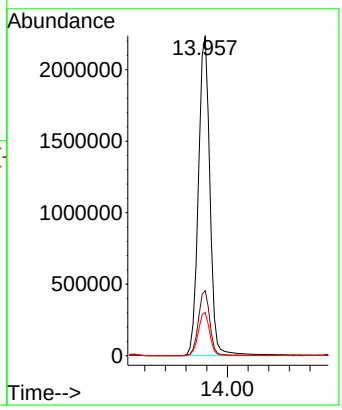


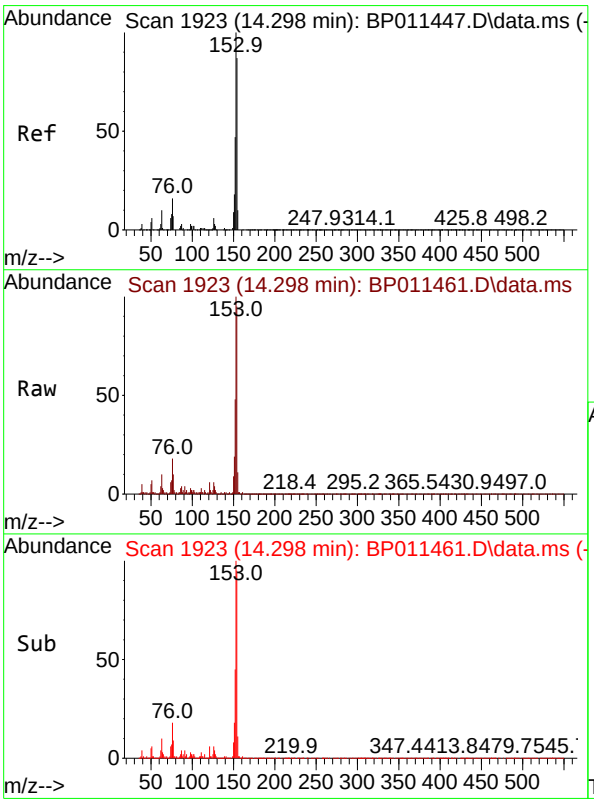
#50
Acenaphthylene
Concen: 121.064 ng/ul
RT: 13.957 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 3456233

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.5	10.6	15.8

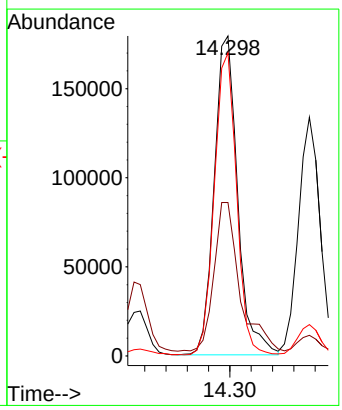


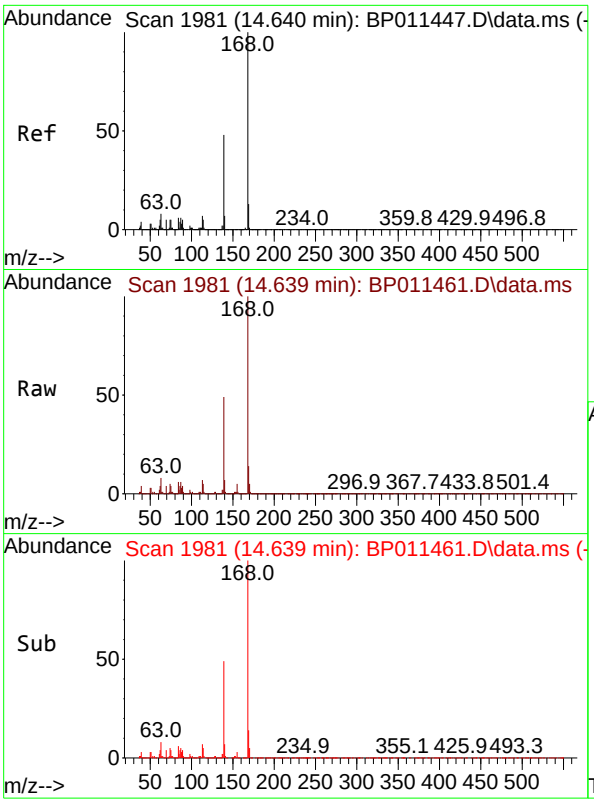


#52
Acenaphthene
Concen: 14.278 ng/ul
RT: 14.298 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Tgt Ion:153 Resp: 273020

Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.7	56.5
154	94.7	69.4	104.0



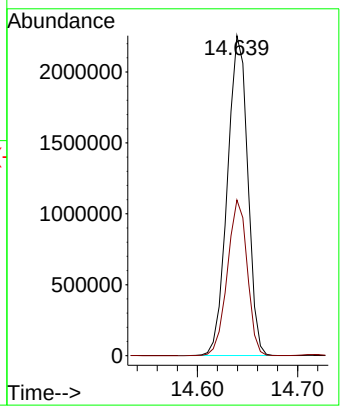


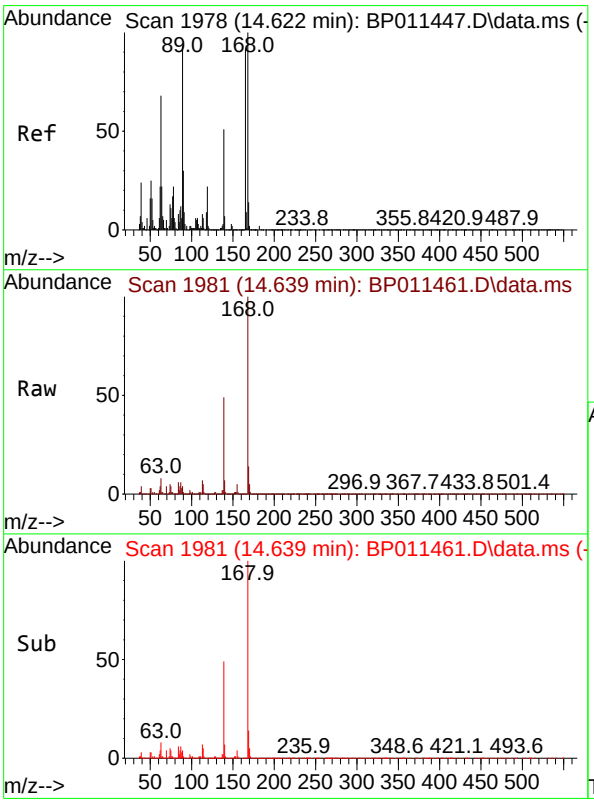
#56
Dibenzofuran
Concen: 120.328 ng/ul
RT: 14.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:168 Resp: 3172917

Ion	Ratio	Lower	Upper
168	100		
139	48.6	38.4	57.6

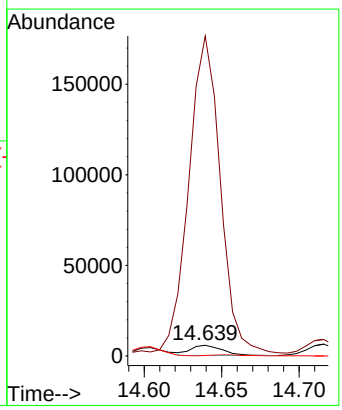


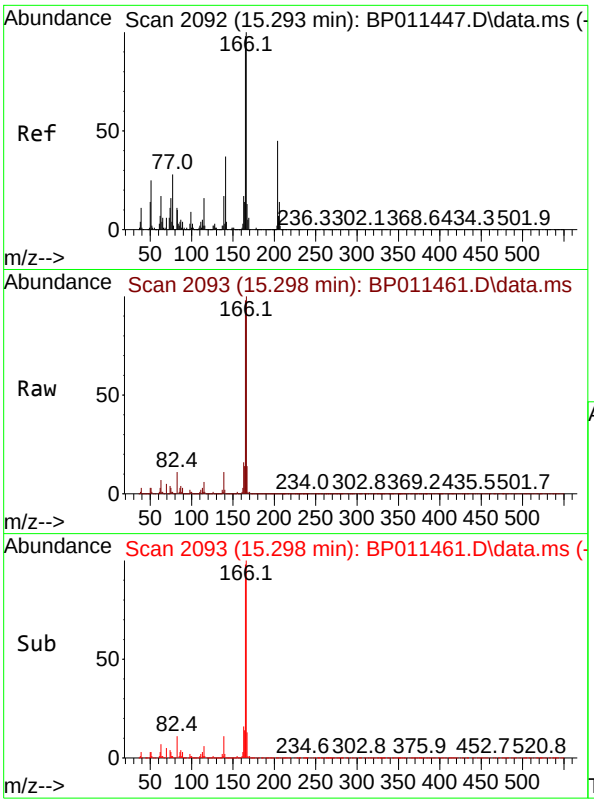


#57
2,4-Dinitrotoluene
Concen: 1.324 ng/ul
RT: 14.639 min Scan# 1981
Delta R.T. 0.017 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Tgt Ion:165 Resp: 7961

Ion	Ratio	Lower	Upper
165	100		
63	2999.6	60.2	90.2#
182	4.2	1.8	2.8#



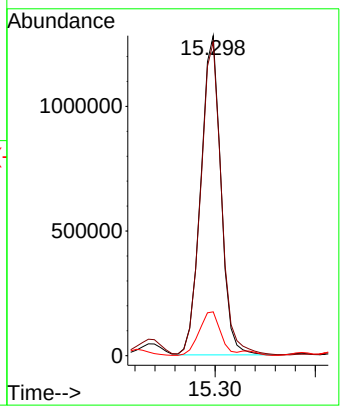


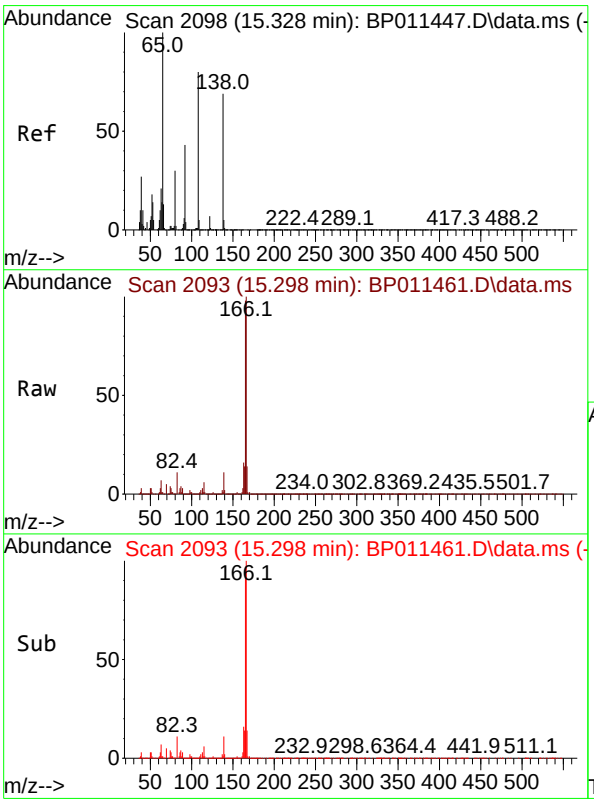
#61
Fluorene
Concen: 82.714 ng/ul
RT: 15.298 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 1784339

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.2
167	13.7	10.3	15.5

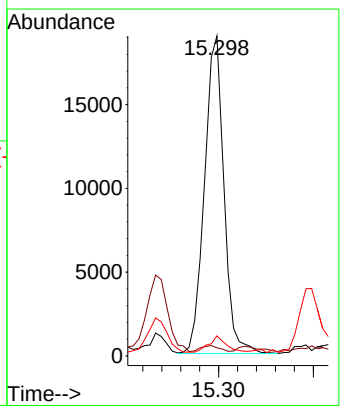


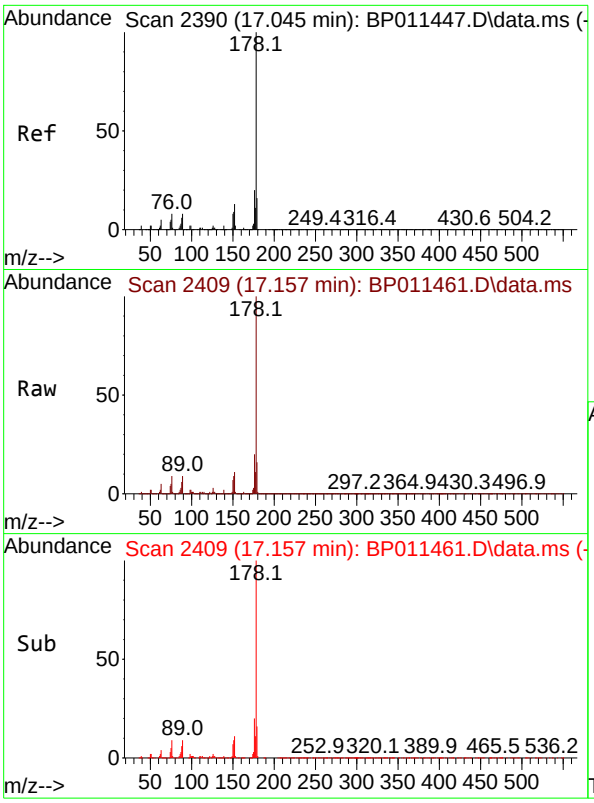


#63
4-Nitroaniline
Concen: 6.377 ng/ul
RT: 15.298 min Scan# 2093
Delta R.T. -0.030 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Tgt Ion:138 Resp: 26955

Ion	Ratio	Lower	Upper
138	100		
92	2.5	49.5	74.3#
108	6.3	93.7	140.5#



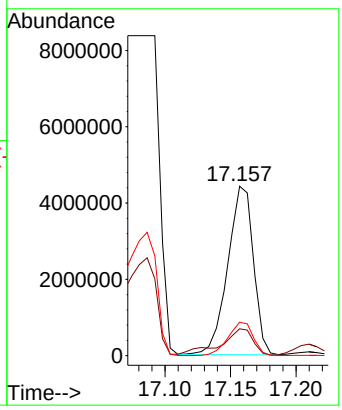


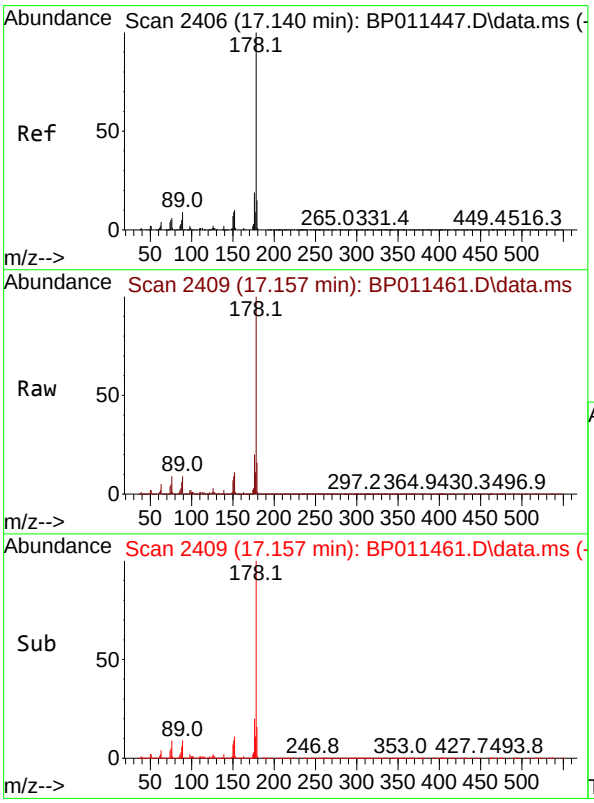
#72
Phenanthrene
Concen: 192.934 ng/ul
RT: 17.157 min Scan# 24
Delta R.T. 0.111 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 6028541

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	19.7	15.8	23.8

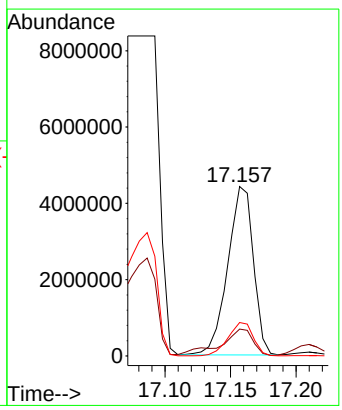


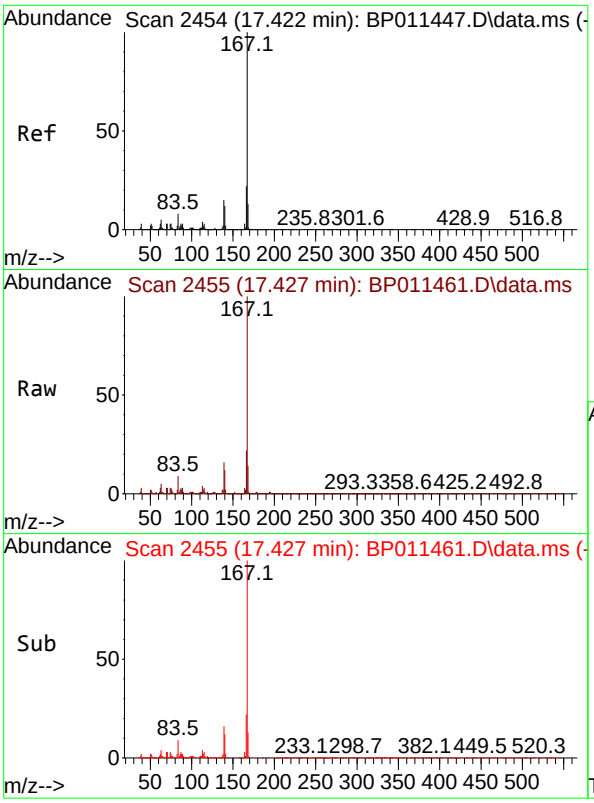


#74
Anthracene
Concen: 191.063 ng/ul
RT: 17.157 min Scan# 2409
Delta R.T. 0.017 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Tgt Ion:178 Resp: 6023035

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	19.7	15.4	23.0



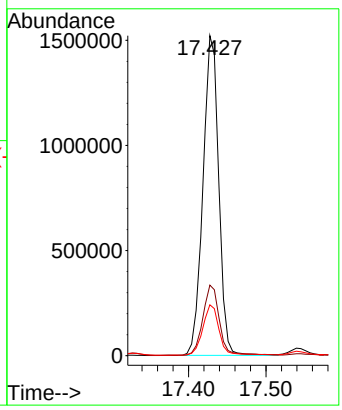


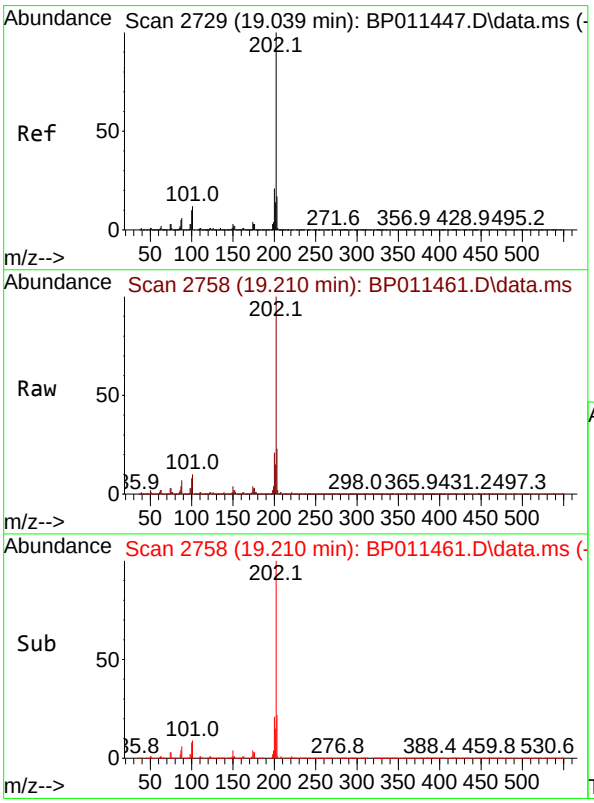
#77
Carbazole
Concen: 72.500 ng/ul
RT: 17.427 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:167 Resp: 2149708

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	15.9	12.1	18.1

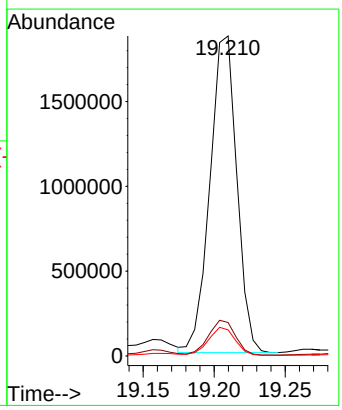


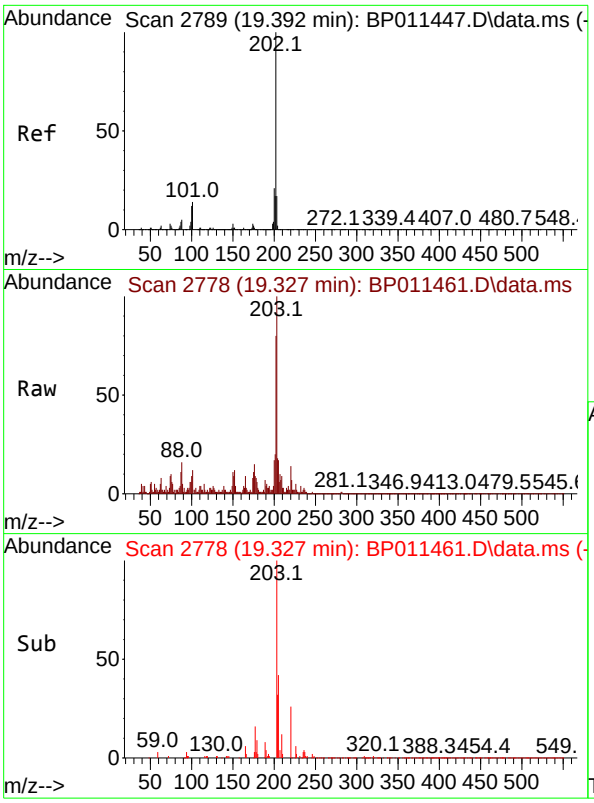


#80
Fluoranthene
Concen: 57.604 ng/ul
RT: 19.210 min Scan# 2758
Delta R.T. 0.170 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Tgt Ion:202 Resp: 2461501

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.5	14.3
100	8.2	7.9	11.9



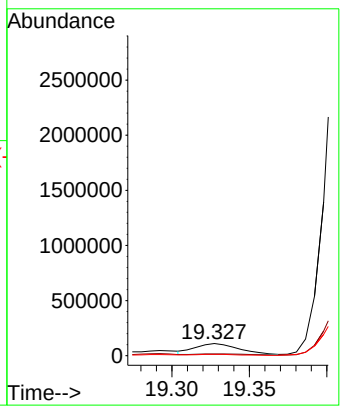


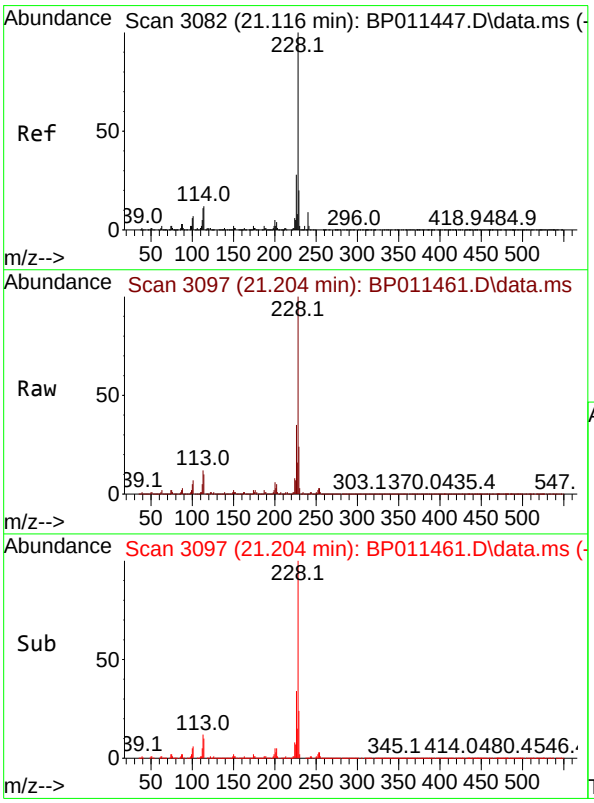
#82
Pyrene
Concen: 4.155 ng/ul
RT: 19.327 min Scan# 2
Delta R.T. -0.065 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 186557

Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.4	17.2
100	11.0	9.4	14.0

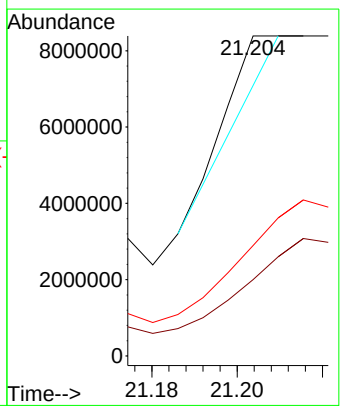


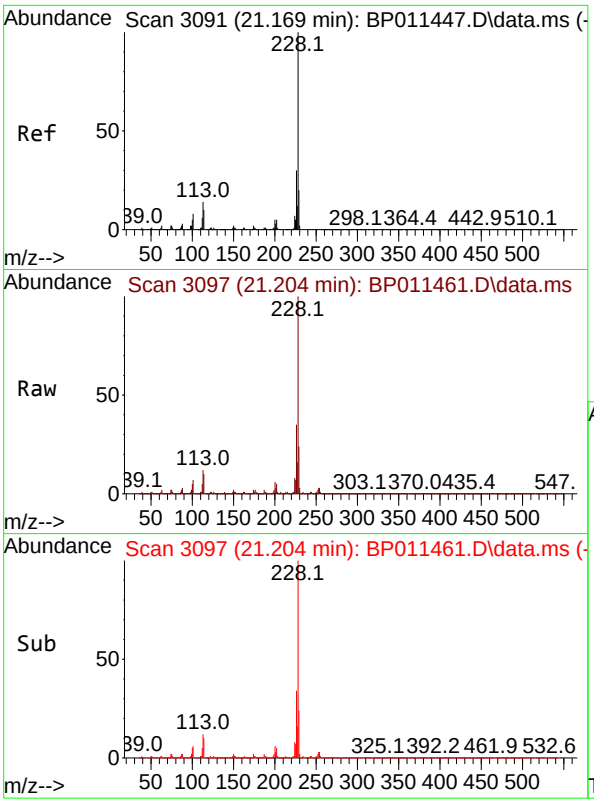


#85
Benzo(a)anthracene
Concen: 47.446 ng/ul
RT: 21.204 min Scan# 3097
Delta R.T. 0.088 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Tgt Ion:228 Resp: 1985243

Ion	Ratio	Lower	Upper
228	100		
229	23.8	16.0	24.0
226	34.5	22.6	33.8#



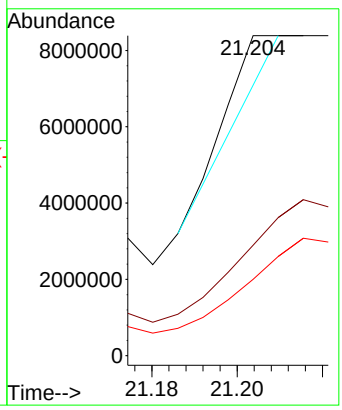


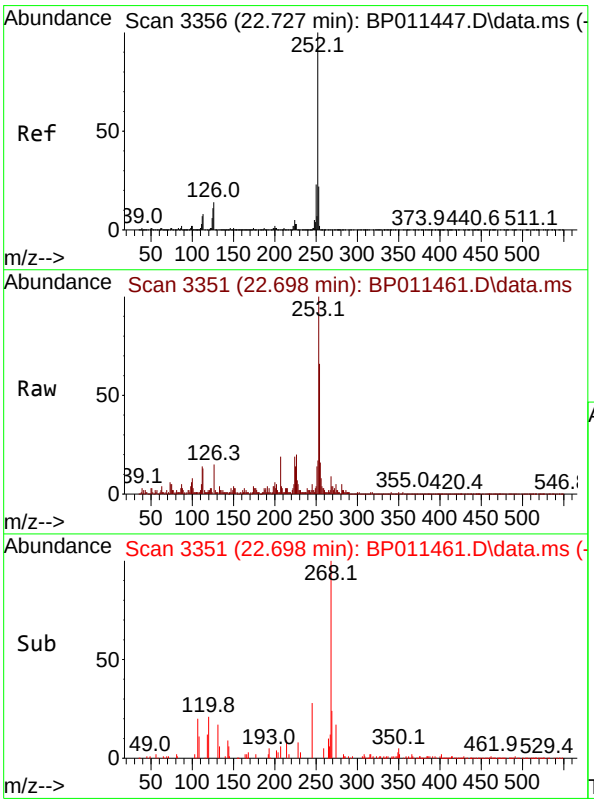
#87
Chrysene
Concen: 48.299 ng/ul
RT: 21.204 min Scan# 3
Delta R.T. 0.035 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1985243

Ion	Ratio	Lower	Upper
228	100		
226	34.5	23.9	35.9
229	23.8	16.0	24.0

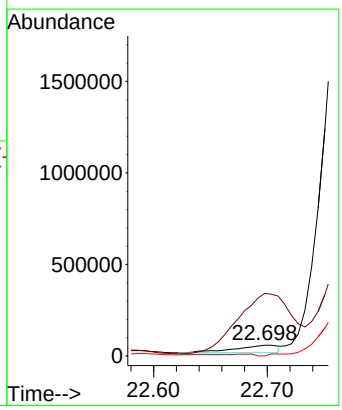


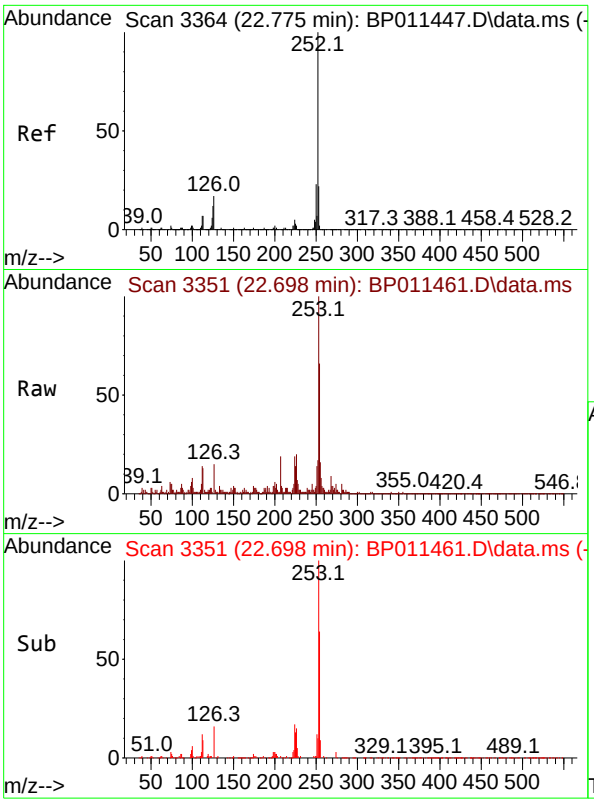


#90
Benzo(b)fluoranthene
Concen: 2.220 ng/ul
RT: 22.698 min Scan# 3351
Delta R.T. -0.030 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Tgt Ion:252 Resp: 112179

Ion	Ratio	Lower	Upper
252	100		
253	580.9	17.5	26.3#
125	0.0	9.0	13.4#



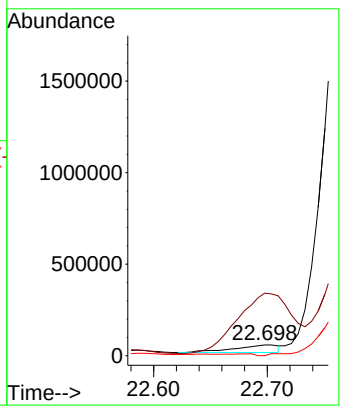


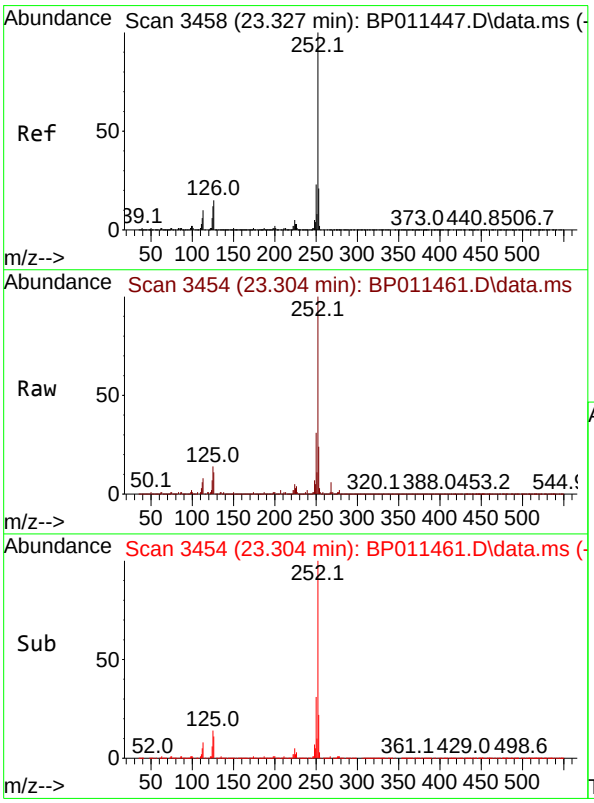
#91
Benzo(k)fluoranthene
Concen: 2.327 ng/ul
RT: 22.698 min Scan# 3
Delta R.T. -0.077 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 112179

Ion	Ratio	Lower	Upper
252	100		
253	580.9	17.9	26.9#
125	0.0	9.8	14.8#

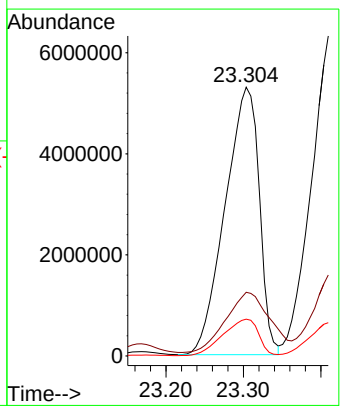


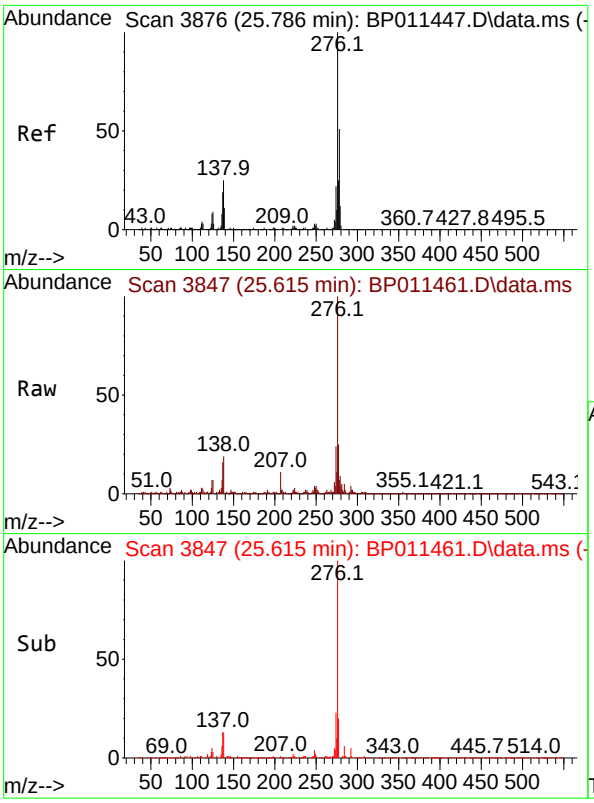


#93
Benzo(a)pyrene
Concen: 328.776 ng/ul
RT: 23.304 min Scan# 3454
Delta R.T. -0.024 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Tgt Ion:252 Resp:16217093

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.8	25.2
125	13.7	9.9	14.9



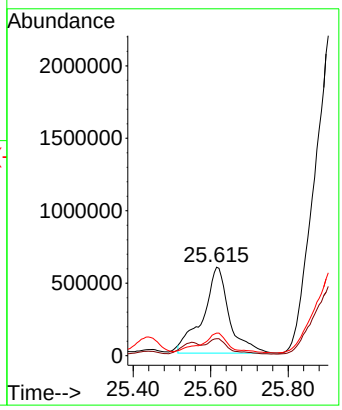


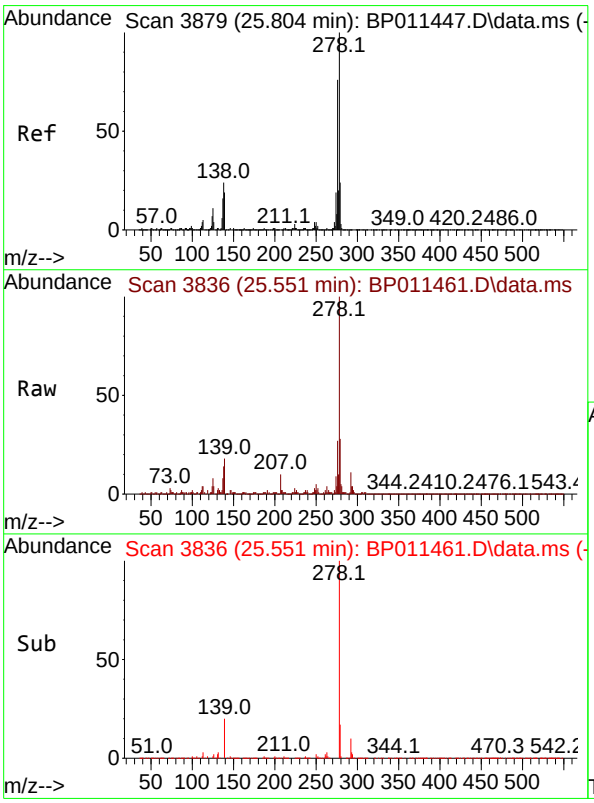
#94
Indeno(1,2,3-cd)pyrene
Concen: 50.713 ng/ul
RT: 25.615 min Scan# 3
Delta R.T. -0.171 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 2790082

Ion	Ratio	Lower	Upper
276	100		
138	19.3	20.2	30.4#
277	25.5	20.1	30.1





#95
Dibenzo(a,h)anthracene
Concen: 31.919 ng/ul
RT: 25.551 min Scan# 3836
Delta R.T. -0.253 min
Lab File: BP011461.D
Acq: 17 Aug 2022 14:13

Tgt Ion:278 Resp: 1512083

Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.4	23.0
279	28.3	19.3	28.9