Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

Quant Time: Jun 27 02:35:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	172948	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	639687	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	364379	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	799008	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	776980	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	978053	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	13773	2.865	ng/uL	0.00
4) Pyridine-d5	3.834	84	113773	9.389	ng/ul	0.00
7) Phenol-d5	7.234	99	211522	14.294	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	147226	16.082	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	183312	16.411	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	154373	13.206	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	82614	16.899	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	94642	16.587	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	150320	14.784	ng/ul	0.02
31) 4-Chloroaniline-d4	11.069	131	89411	6.846	ng/ul	0.03
46) Dimethylphthalate-d6	14.122	166	511578	18.164	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	582312	18.393	ng/ul	0.00
54) 4-Nitrophenol-d4	14.975	143	47341	12.738	ng/ul	0.03
60) Fluorene-d10	15.710	176	436615	18.828	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	64770	13.181	ng/ul	0.00
73) Anthracene-d10	17.575	188	653200	17.897	ng/ul	0.00
81) Pyrene-d10	19.804	212	814189	16.048	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	900175	18.245	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.945	128	86082	2.475	ng/ul	100
36) 2-Methylnaphthalene	12.563	142	28369	1.239	ng/ul	99
37) 1-Methylnaphthalene	12.775	142	27335	1.171	ng/ul#	85
50) Acenaphthylene	14.439	152	44953	1.289	ng/ul	96
52) Acenaphthene	14.775	153	173182	7.159	ng/ul	97
56) Dibenzofuran	15.116	168	112494	3.350	ng/ul	97
61) Fluorene	15.763	166	154502	5.672	ng/ul	99
72) Phenanthrene	17.516	178	3064579	70.602	ng/ul	100
74) Anthracene	17.610	178	683219	15.664	ng/ul	99
77) Carbazole	17.880	167	545436	14.837	ng/ul	100
80) Fluoranthene	19.480	202	5849393	92.768	ng/ul	99
82) Pyrene	19.833	202	4662362	72.487	ng/ul	100
85) Benzo(a)anthracene	21.551	228	3004603	54.972	ng/ul	98
87) Chrysene	21.610	228	2852763	55.013	ng/ul	97
90) Benzo(b)fluoranthene	23.339	252	4114584	65.473	ng/ul	98
91) Benzo(k)fluoranthene	23.339	252	4114584	64.801	ng/ul	98
93) Benzo(a)pyrene	24.009	252	2762218	50.302	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.827	276	2187335	29.343	ng/ul	97
95) Dibenzo(a,h)anthracene	26.827	278	629991	10.289	ng/ul#	79
96) Benzo(g,h,i)perylene	27.674	276	1959735	31.956	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
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Instrument :
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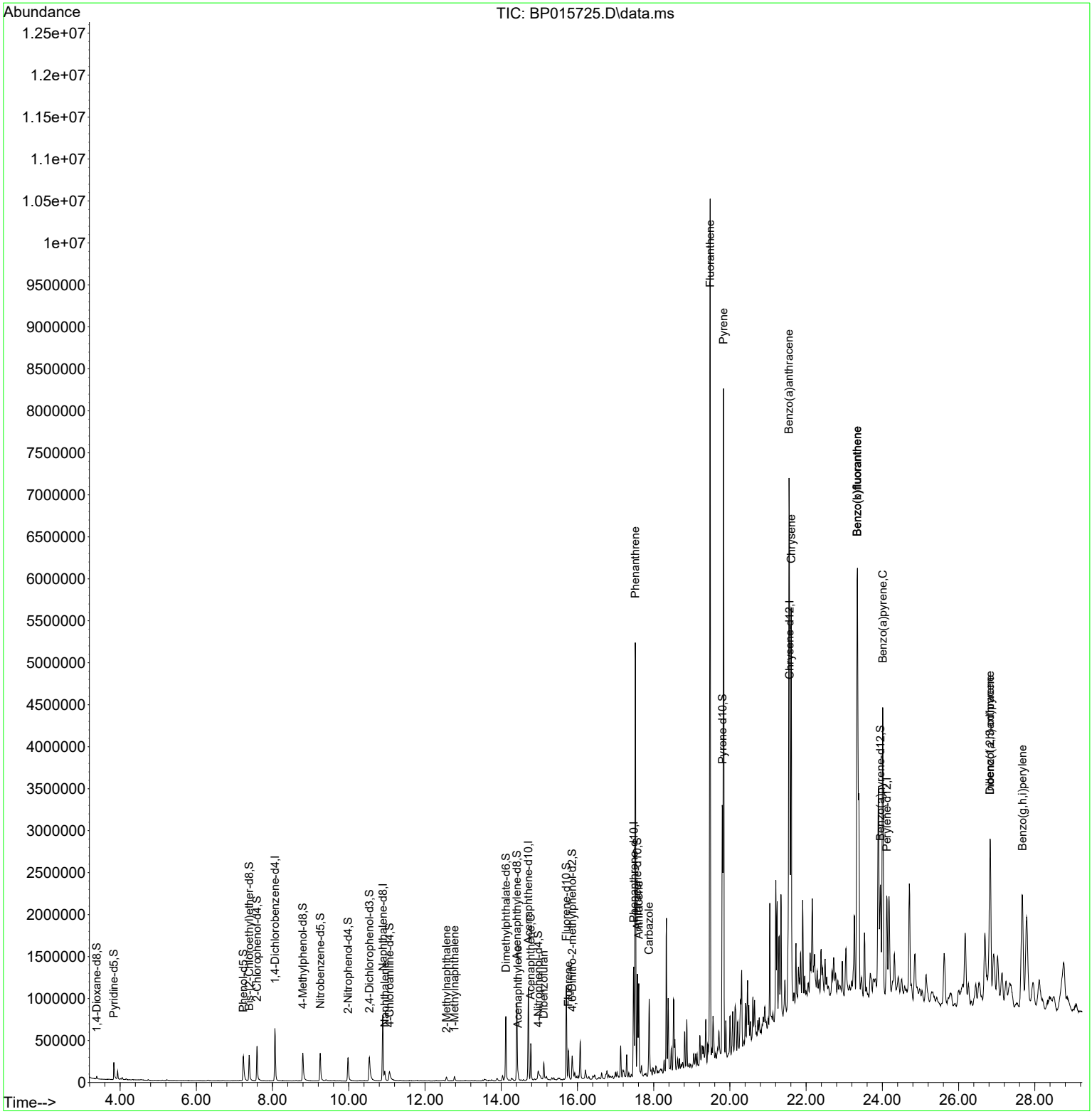
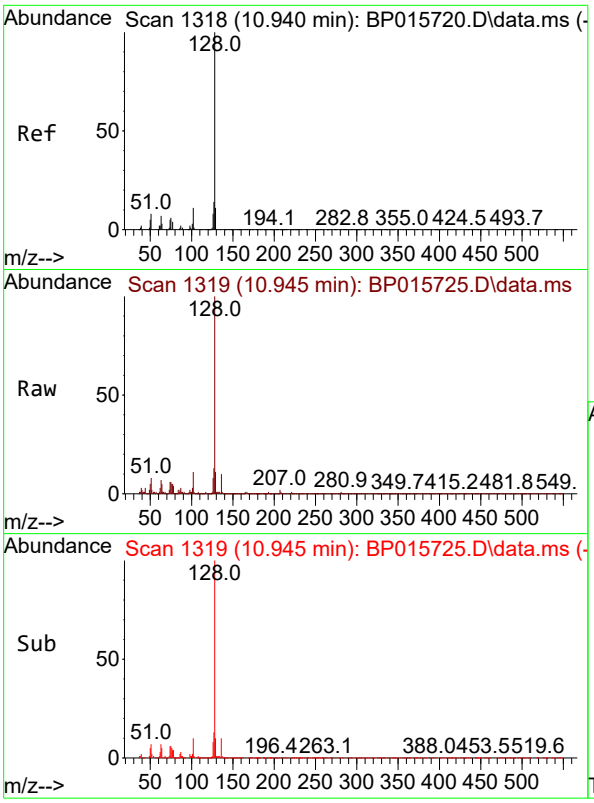
Quant Time: Jun 27 02:35:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration



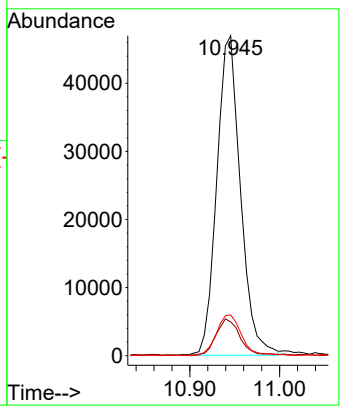


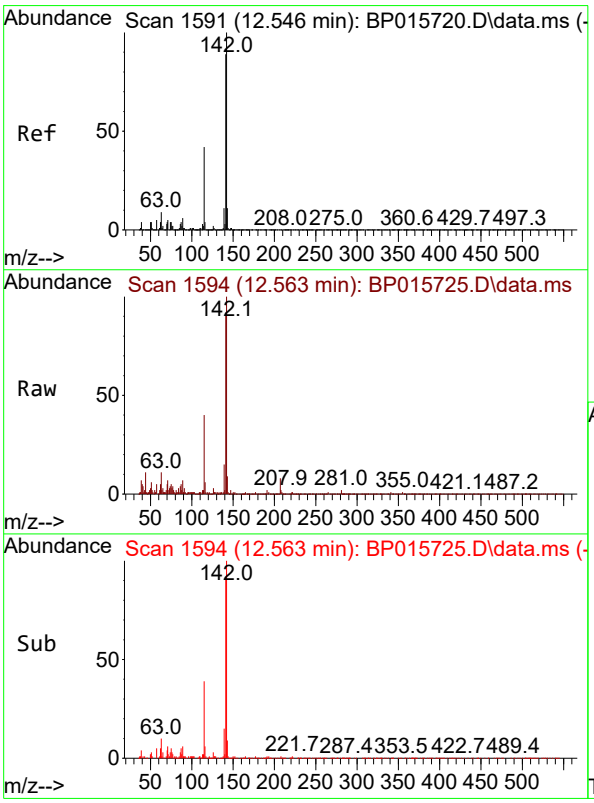
#30
Naphthalene
Concen: 2.475 ng/ul
RT: 10.945 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Instrument :
BNA_P
ClientSampleId :
DCFL0

Tgt Ion:128 Resp: 86082

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	12.7	10.3	15.5

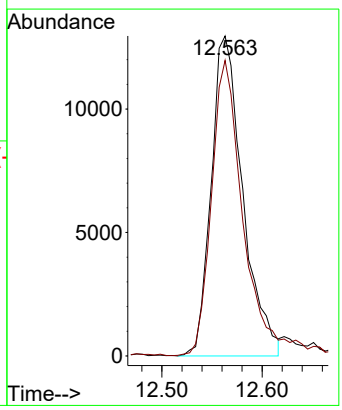


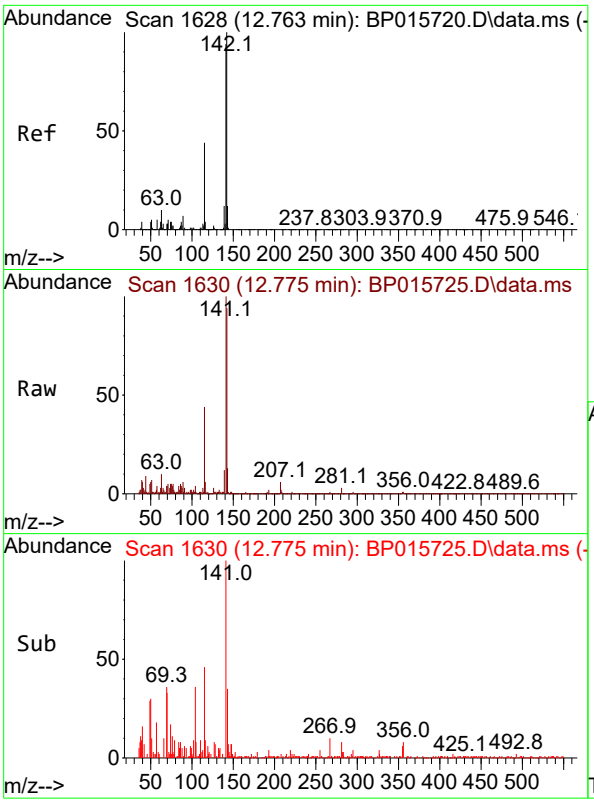


#36
2-Methylnaphthalene
Concen: 1.239 ng/ul
RT: 12.563 min Scan# 1594
Delta R.T. 0.018 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Tgt Ion:142 Resp: 28369

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.2	109.8



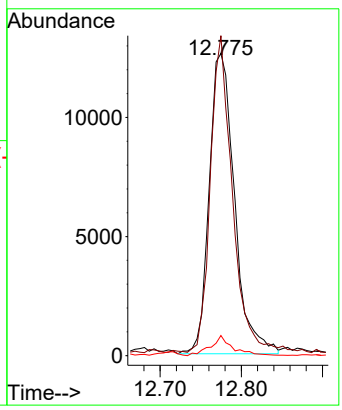


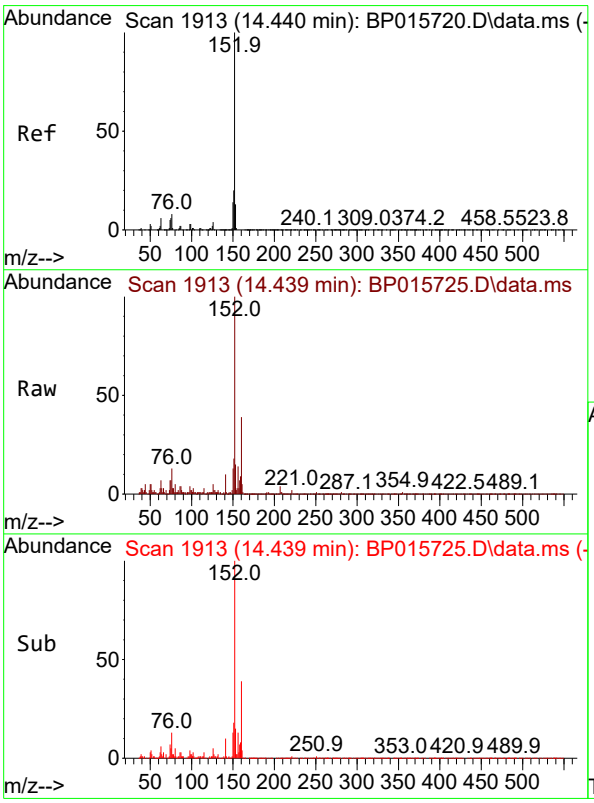
#37
1-Methylnaphthalene
Concen: 1.171 ng/ul
RT: 12.775 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Instrument :
BNA_P
ClientSampleId :
DCFL0

Tgt Ion:142 Resp: 27335

Ion	Ratio	Lower	Upper
142	100		
141	105.8	73.1	109.7
116	6.7	4.0	6.0#

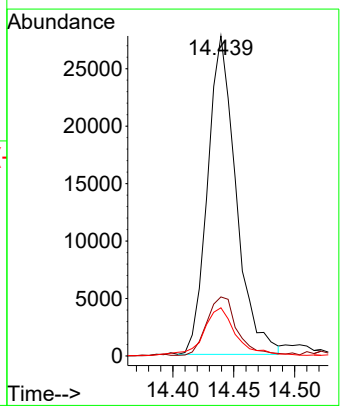


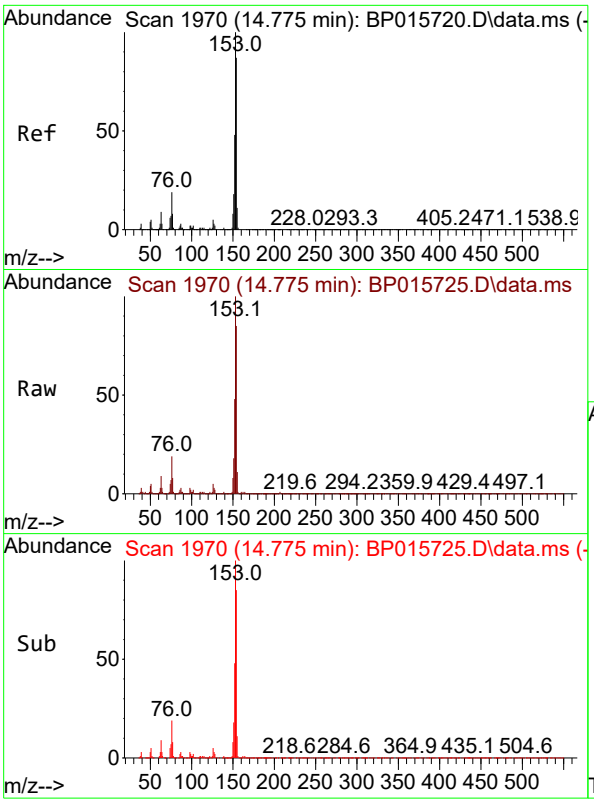


#50
Acenaphthylene
Concen: 1.289 ng/ul
RT: 14.439 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Tgt Ion:152 Resp: 44953

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.2	24.2
153	15.0	10.5	15.7



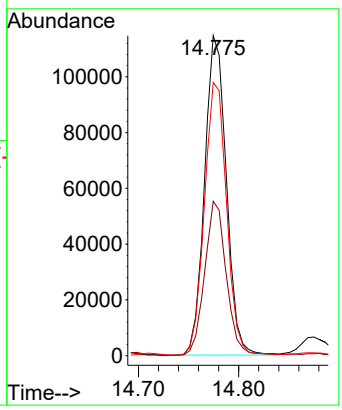


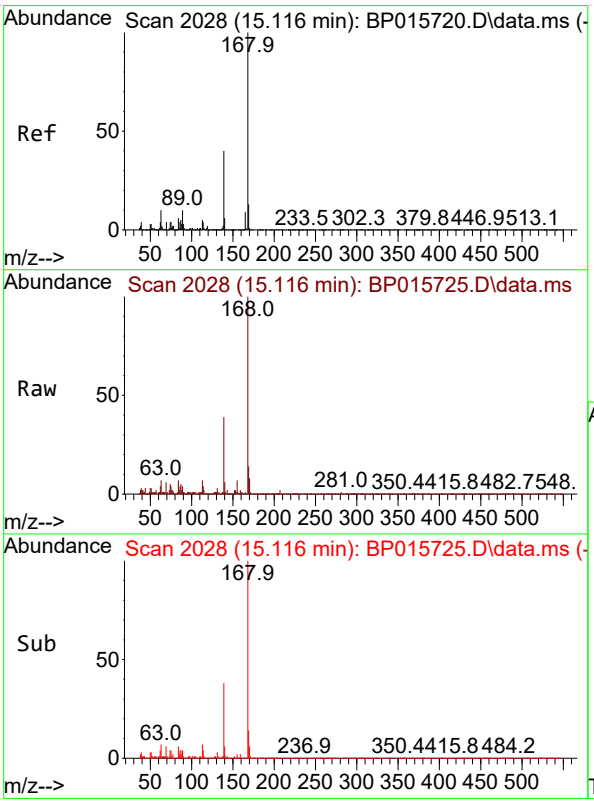
#52
Acenaphthene
Concen: 7.159 ng/ul
RT: 14.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Instrument :
BNA_P
ClientSampleId :
DCFL0

Tgt Ion:153 Resp: 173182

Ion	Ratio	Lower	Upper
153	100		
152	48.3	39.4	59.2
154	85.4	71.4	107.2

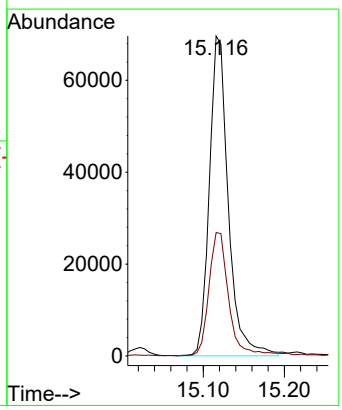


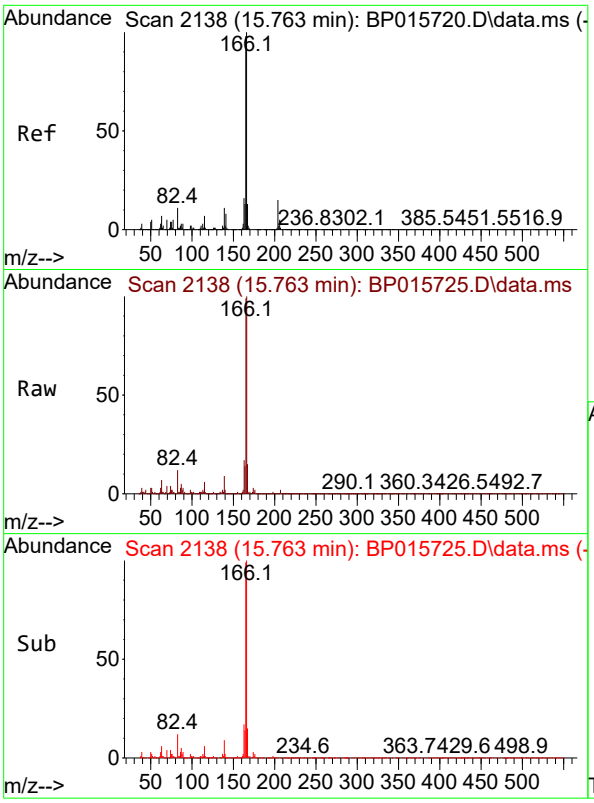


#56
Dibenzofuran
Concen: 3.350 ng/ul
RT: 15.116 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Tgt Ion:168 Resp: 112494

Ion	Ratio	Lower	Upper
168	100		
139	38.6	32.2	48.4



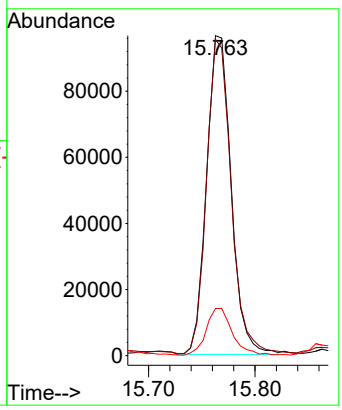


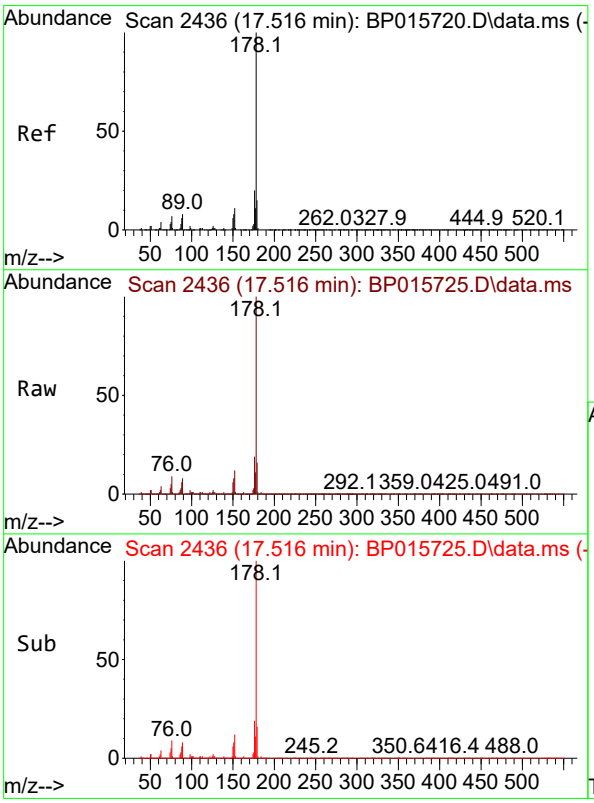
#61
Fluorene
Concen: 5.672 ng/ul
RT: 15.763 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Instrument :
BNA_P
ClientSampleId :
DCFL0

Tgt Ion:166 Resp: 154502

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.7	118.1
167	14.8	10.5	15.7

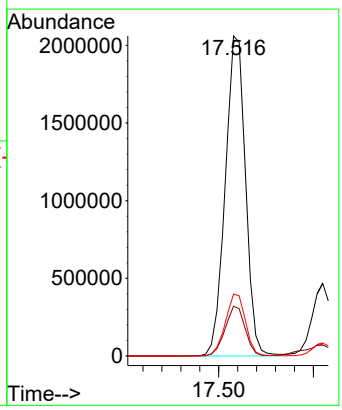


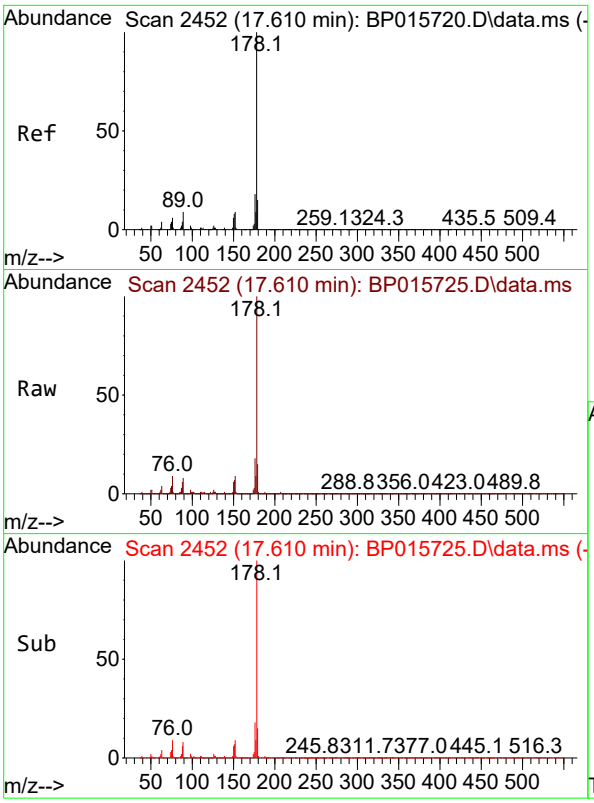


#72
Phenanthrene
Concen: 70.602 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Tgt Ion:178 Resp: 3064579

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.4	15.6	23.4



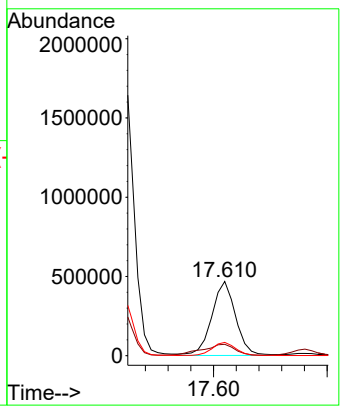


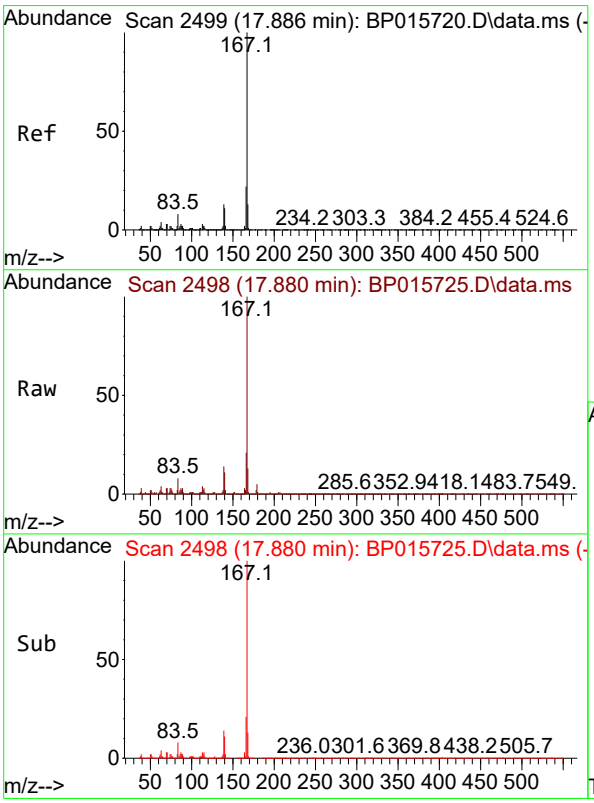
#74
Anthracene
Concen: 15.664 ng/ul
RT: 17.610 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Instrument :
BNA_P
ClientSampleId :
DCFL0

Tgt Ion:178 Resp: 683219

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	17.8	14.6	22.0

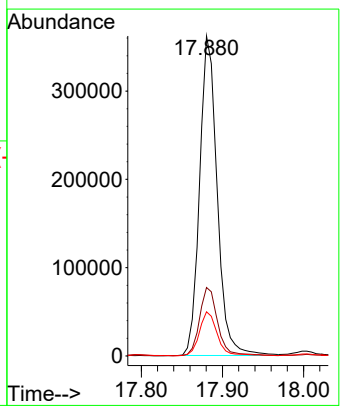


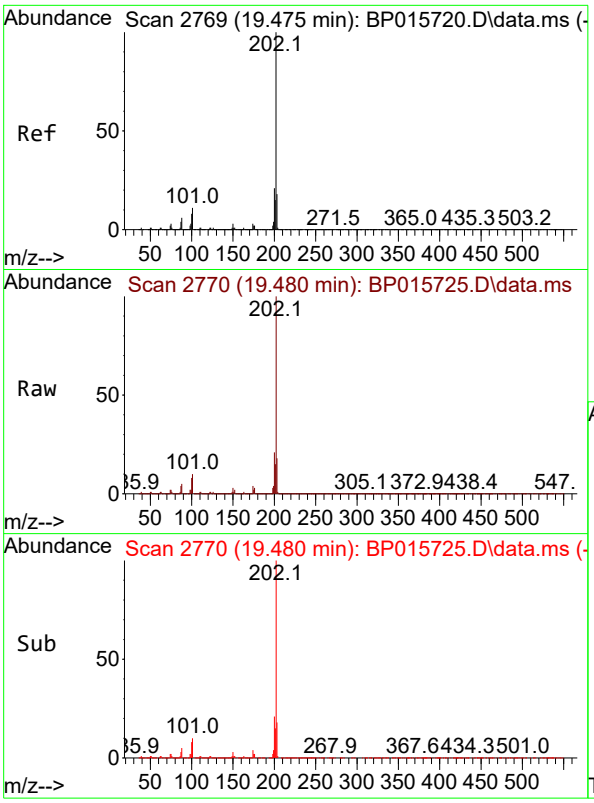


#77
Carbazole
Concen: 14.837 ng/ul
RT: 17.880 min Scan# 2498
Delta R.T. -0.006 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Tgt Ion:167 Resp: 545436

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	13.8	11.0	16.4



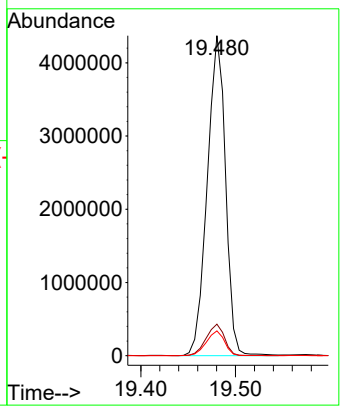


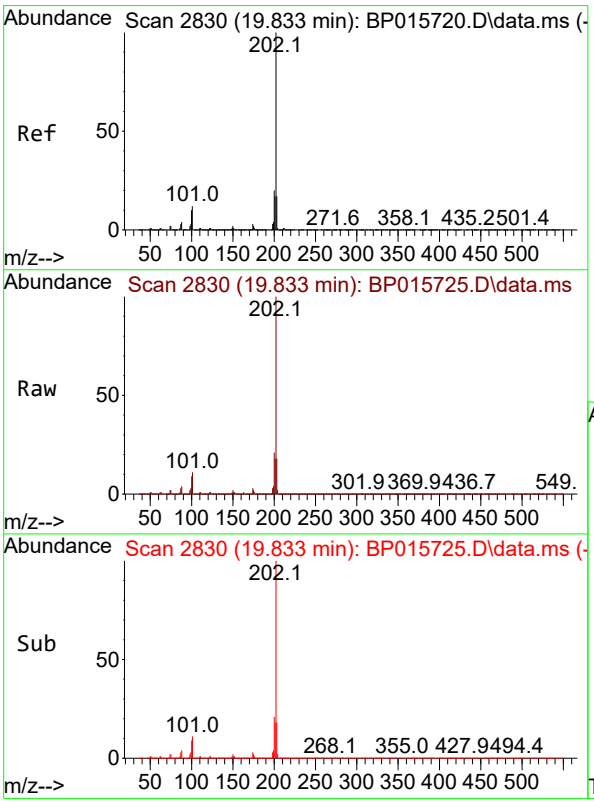
#80
Fluoranthene
Concen: 92.768 ng/ul
RT: 19.480 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Instrument :
BNA_P
ClientSampleId :
DCFL0

Tgt Ion:202 Resp: 5849393

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.3	12.5
100	7.7	6.6	9.8

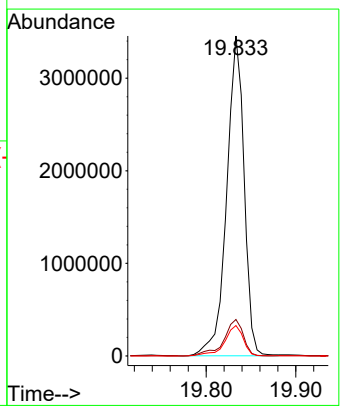


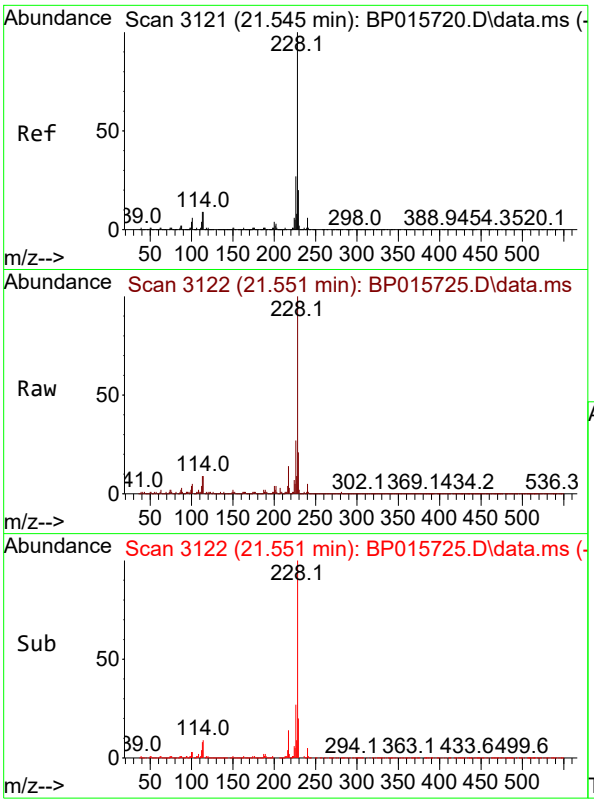


#82
Pyrene
Concen: 72.487 ng/ul
RT: 19.833 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Tgt Ion:202 Resp: 4662362

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.3	13.9
100	9.5	7.6	11.4



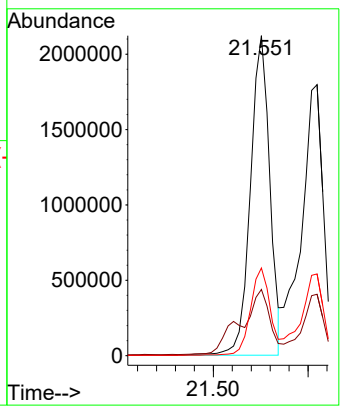


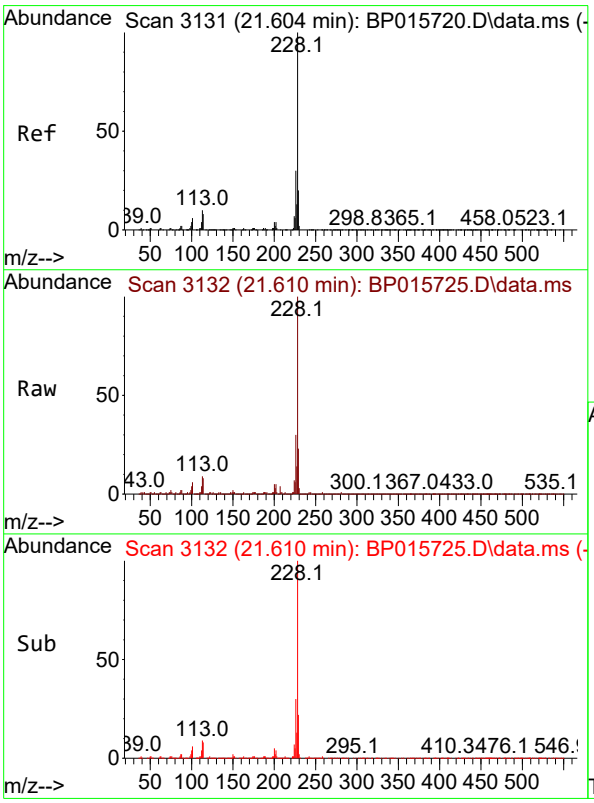
#85
Benzo(a)anthracene
Concen: 54.972 ng/ul
RT: 21.551 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Instrument :
BNA_P
ClientSampleId :
DCFL0

Tgt Ion:228 Resp: 3004603

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.3	22.9
226	27.4	21.4	32.0

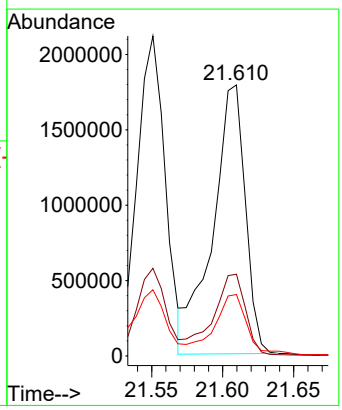


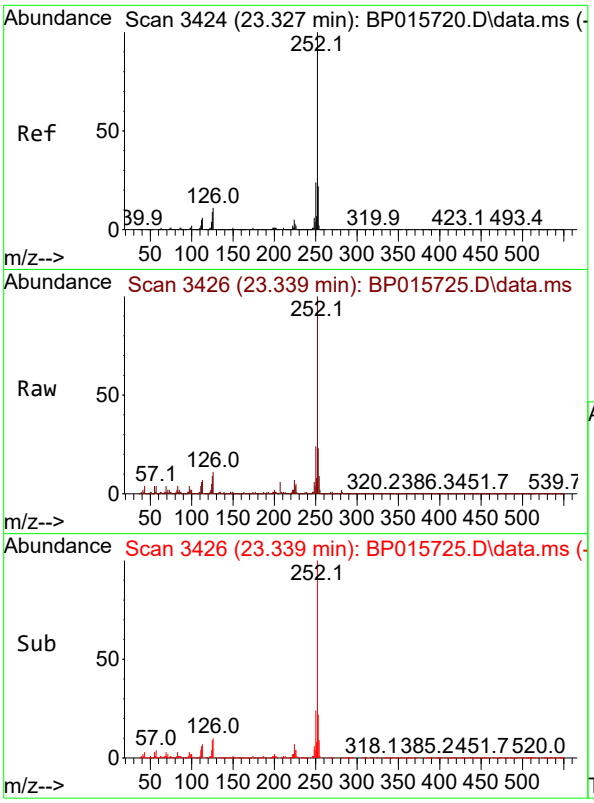


#87
Chrysene
Concen: 55.013 ng/ul
RT: 21.610 min Scan# 3132
Delta R.T. 0.006 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Tgt Ion:228 Resp: 2852763

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	22.7	15.5	23.3



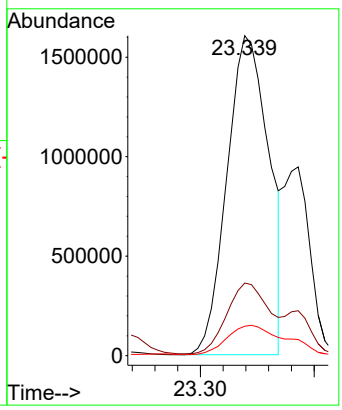


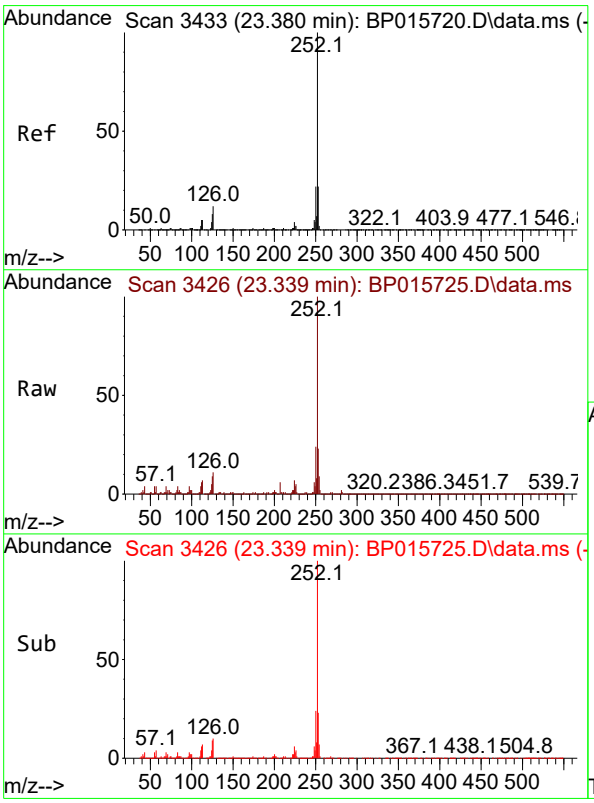
#90
Benzo(b)fluoranthene
Concen: 65.473 ng/ul
RT: 23.339 min Scan# 34
Delta R.T. 0.012 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Instrument :
BNA_P
ClientSampleId :
DCFL0

Tgt Ion:252 Resp: 4114584

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	9.2	7.5	11.3

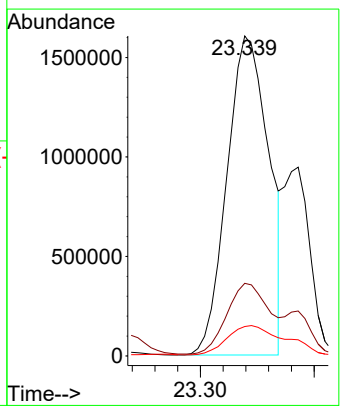


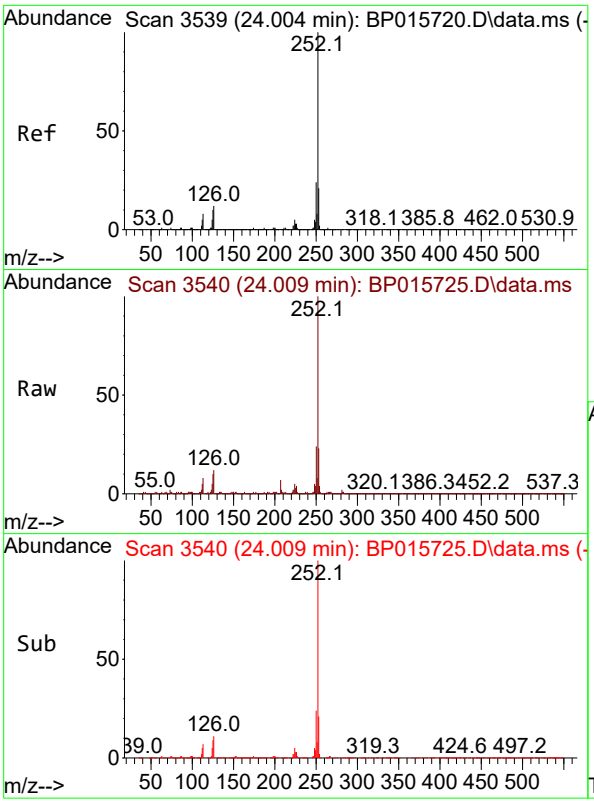


#91
Benzo(k)fluoranthene
Concen: 64.801 ng/ul
RT: 23.339 min Scan# 3426
Delta R.T. -0.041 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Tgt Ion:252 Resp: 4114584

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	9.2	7.3	10.9



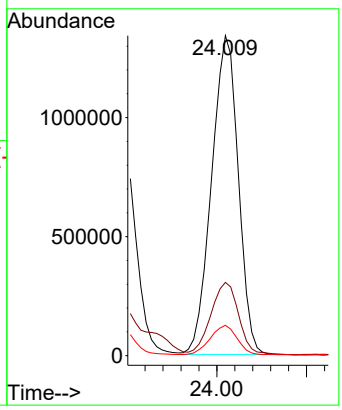


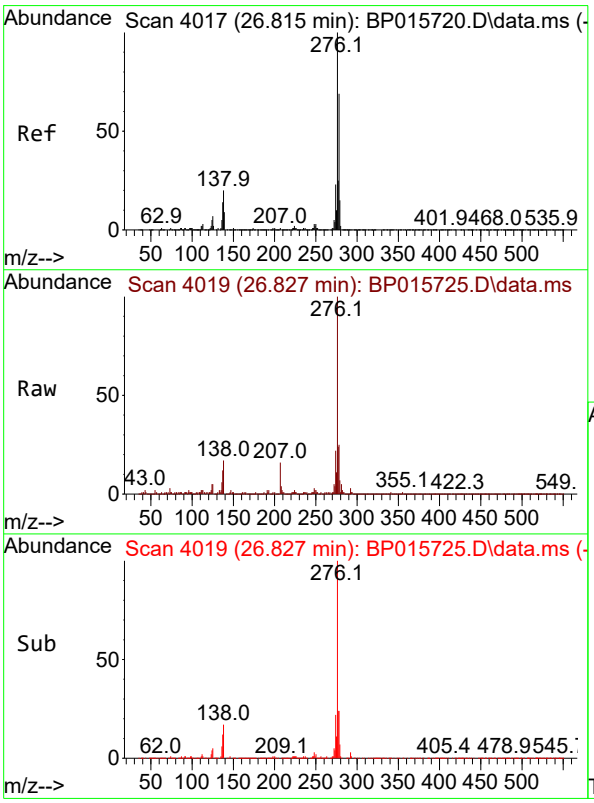
#93
Benzo(a)pyrene
Concen: 50.302 ng/ul
RT: 24.009 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Instrument :
BNA_P
ClientSampleId :
DCFL0

Tgt Ion:252 Resp: 2762218

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	9.5	8.2	12.2

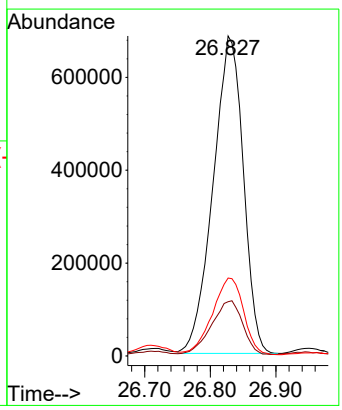


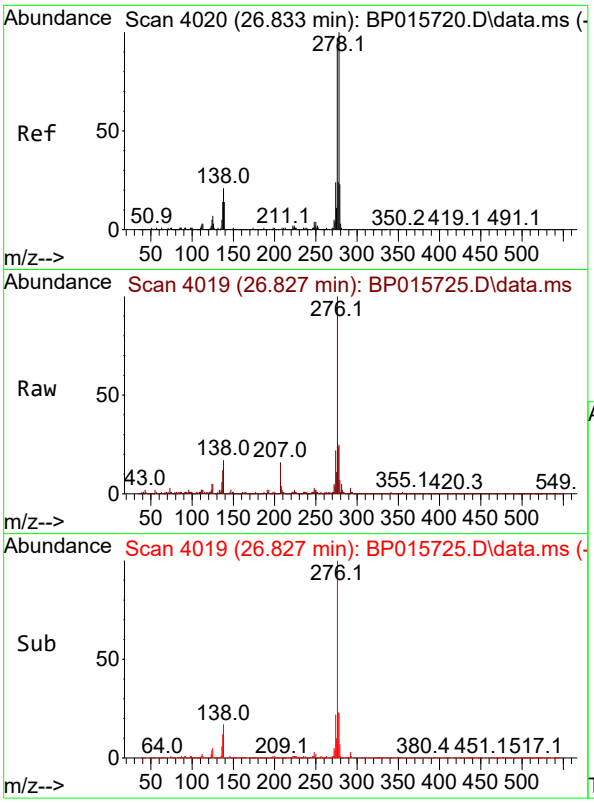


#94
Indeno(1,2,3-cd)pyrene
Concen: 29.343 ng/ul
RT: 26.827 min Scan# 4019
Delta R.T. 0.012 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Tgt Ion:276 Resp: 2187335

Ion	Ratio	Lower	Upper
276	100		
138	16.9	15.7	23.5
277	24.4	19.6	29.4



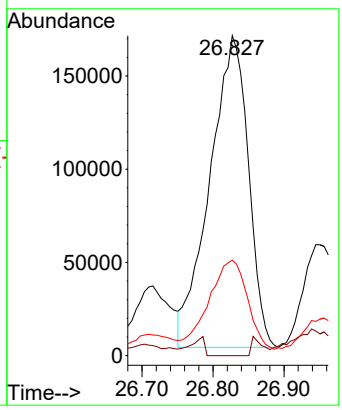


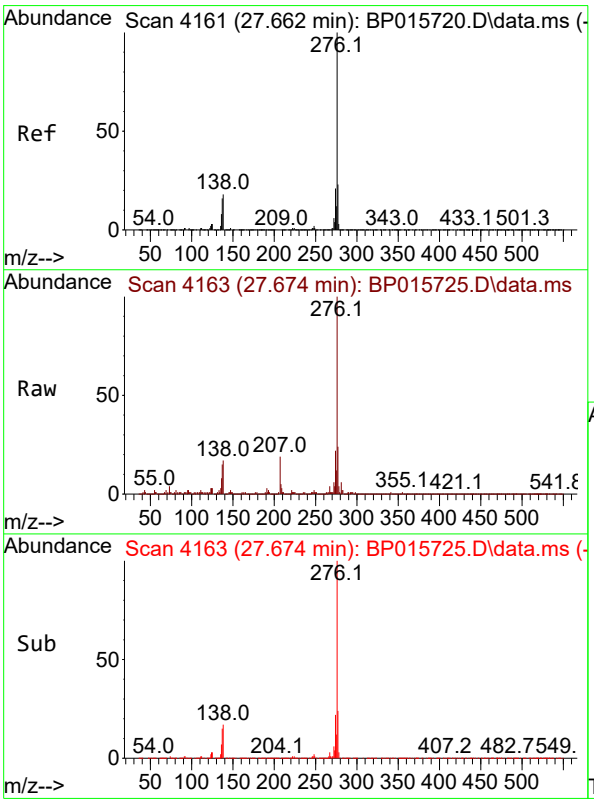
#95
Dibenzo(a,h)anthracene
Concen: 10.289 ng/ul
RT: 26.827 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Instrument :
BNA_P
ClientSampleId :
DCFL0

Tgt Ion:278 Resp: 629991

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.5	15.7#
279	29.8	18.4	27.6#





#96
Benzo(g,h,i)perylene
Concen: 31.956 ng/ul
RT: 27.674 min Scan# 4163
Delta R.T. 0.018 min
Lab File: BP015725.D
Acq: 26 Jun 2023 21:16

Tgt Ion:276 Resp: 1959735

Ion	Ratio	Lower	Upper
276	100		
138	16.8	15.1	22.7
277	24.1	18.8	28.2