Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013636.D
Acq On : 28 Jan 2023 01:40
Operator : CG/JU
Sample : 01293-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Quant Time: Jan 29 23:57:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 03:27:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.151	152	232885	20.000	ng		0.00
21) Naphthalene-d8	10.986	136	873843	20.000	ng		0.00
39) Acenaphthene-d10	14.792	164	536369	20.000	ng		0.00
64) Phenanthrene-d10	17.551	188	1109368	20.000	ng		0.00
76) Chrysene-d12	21.633	240	871966	20.000	ng		0.00
86) Perylene-d12	24.227	264	1039520	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	894622	68.838	ng		0.00
7) Phenol-d6	7.298	99	1198404	68.261	ng		0.00
23) Nitrobenzene-d5	9.328	82	618127	38.868	ng		0.00
42) 2,4,6-Tribromophenol	16.280	330	524108	64.181	ng		0.00
45) 2-Fluorobiphenyl	13.416	172	1689775	44.994	ng		0.00
79) Terphenyl-d14	20.080	244	2154249	43.597	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.034	128	597284	13.451	ng		99
33) 4-Chloroaniline	11.034	127	78027	4.048	ng	#	36
37) 2-Methylnaphthalene	12.628	142	345378	10.177	ng		100
38) 1-Methylnaphthalene	12.845	142	308939	9.727	ng		98
46) 1,1'-Biphenyl	13.628	154	111714	2.795	ng		99
48) 2-Nitroaniline	13.869	65	619	3.997	ng	#	51
49) Acenaphthylene	14.516	152	201523	4.006	ng	#	96
52) Acenaphthene	14.857	154	200110	6.215	ng		98
55) Dibenzofuran	15.186	168	254932	5.055	ng	#	97
58) Fluorene	15.839	166	479992	12.446	ng		100
63) Azobenzene	16.145	77	353885	9.129	ng	#	1
71) Phenanthrene	17.592	178	3064857	53.867	ng		99
72) Anthracene	17.680	178	798666	13.892	ng		99
73) Carbazole	17.945	167	165328	3.227	ng		96
74) Di-n-butylphthalate	18.480	149	12169	3.808	ng	#	73
75) Fluoranthene	19.545	202	2826194	39.825	ng		99
78) Pyrene	19.898	202	2972129	44.042	ng		99
80) Butylbenzylphthalate	20.762	149	728	5.430	ng	#	1
81) Benzo(a)anthracene	21.615	228	1210316	19.711	ng		98
82) 3,3'-Dichlorobenzidine	21.509	252	1831	6.456	ng	#	61
83) Chrysene	21.668	228	1101865	19.098	ng		98
84) Bis(2-ethylhexyl)phtha...	21.515	149	6058	3.786	ng	#	67
87) Indeno(1,2,3-cd)pyrene	26.962	276	746281	10.212	ng	#	95
88) Benzo(b)fluoranthene	23.427	252	1402044	21.008	ng		96
89) Benzo(k)fluoranthene	23.427	252	1402044	21.162	ng		96
90) Benzo(a)pyrene	24.109	252	1158891	18.449	ng		98
91) Dibenzo(a,h)anthracene	26.974	278	199416	3.279	ng	#	80
92) Benzo(g,h,i)perylene	27.809	276	779155	13.013	ng		97

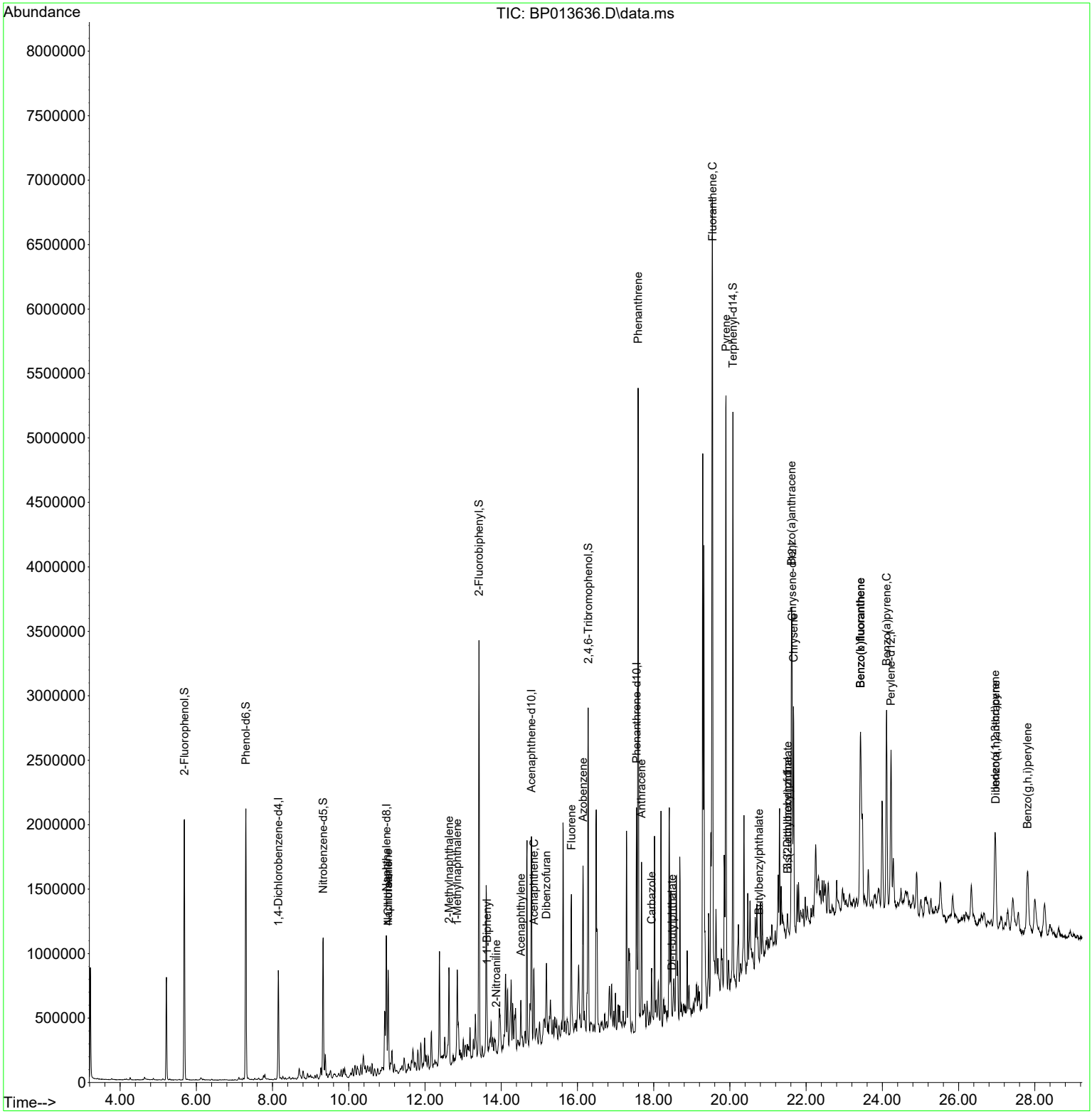
(#) = qualifier out of range (m) = manual integration (+) = signals summed

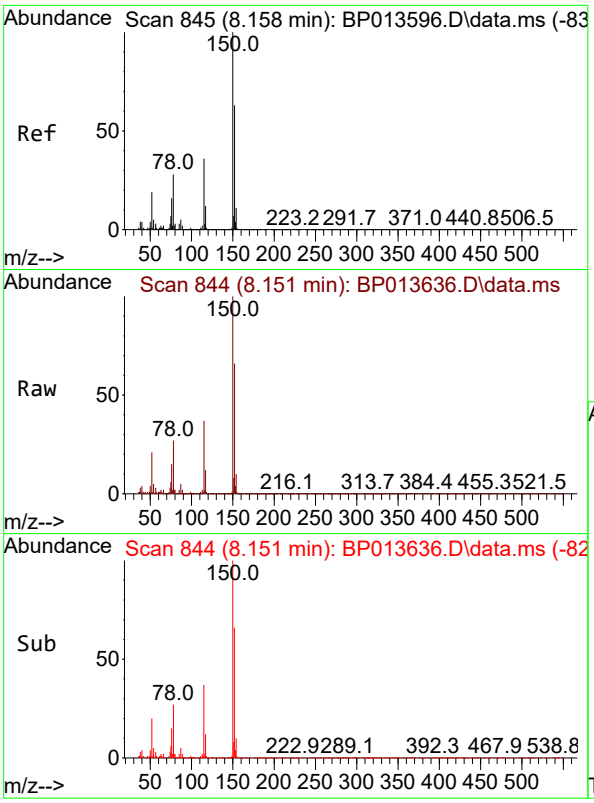
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013636.D
Acq On : 28 Jan 2023 01:40
Operator : CG/JU
Sample : 01293-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Quant Time: Jan 29 23:57:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 03:27:54 2023
Response via : Initial Calibration



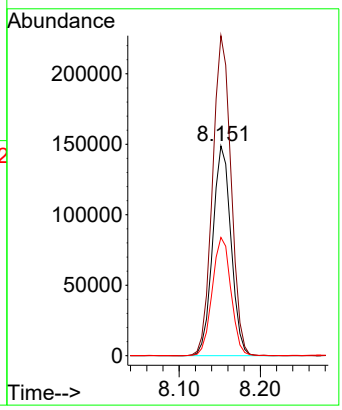


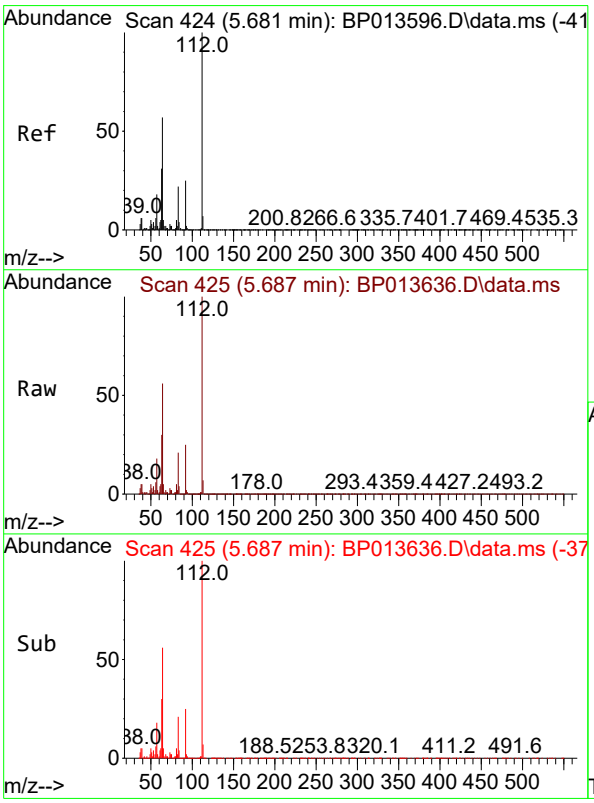
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.151 min Scan# 84
Delta R.T. -0.007 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:152 Resp: 232885

Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.2	189.2
115	56.4	45.1	67.7

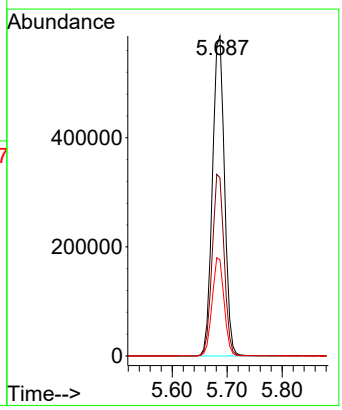


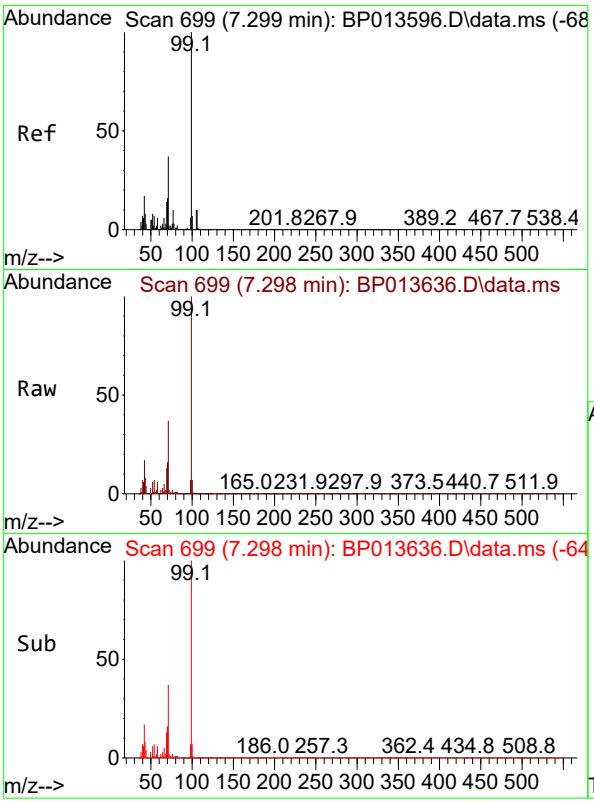


#5
2-Fluorophenol
Concen: 68.838 ng
RT: 5.687 min Scan# 425
Delta R.T. 0.005 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:112 Resp: 894622

Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.5	68.3
63	30.1	25.1	37.7



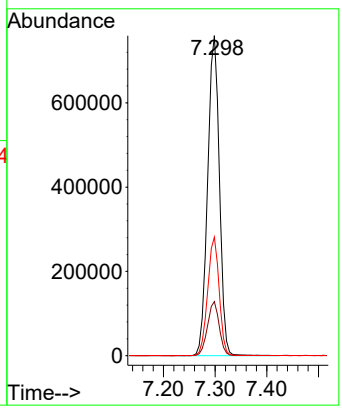


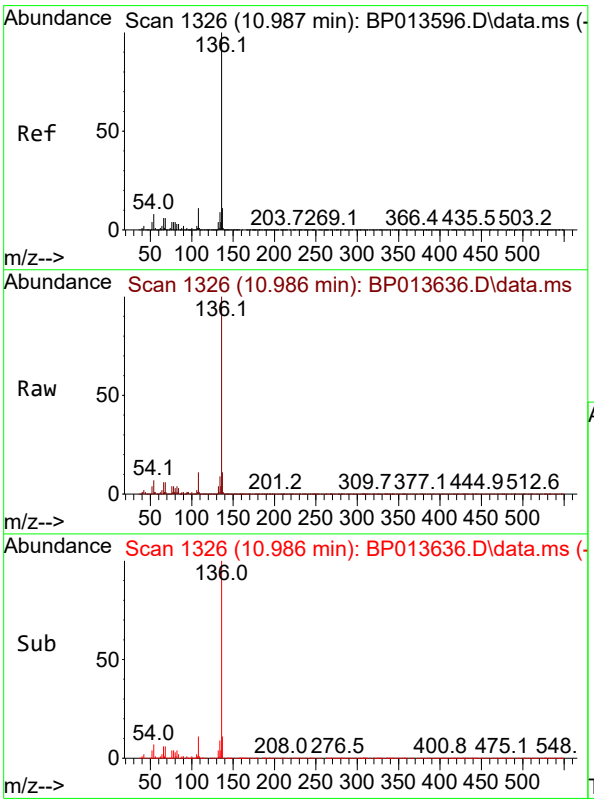
#7
Phenol-d6
Concen: 68.261 ng
RT: 7.298 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion: 99 Resp: 1198404

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.4	20.2
71	37.0	29.9	44.9

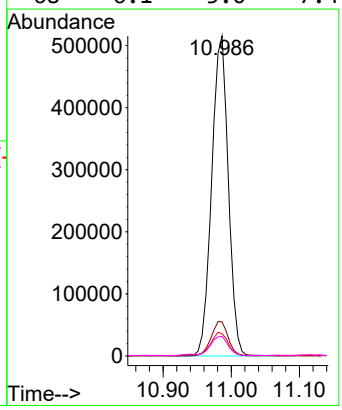


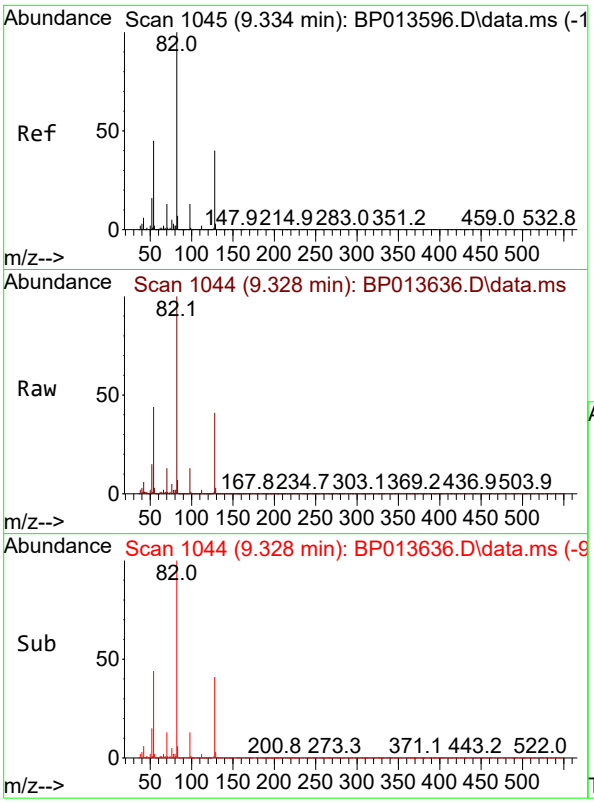


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.986 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:136 Resp: 873843

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.0	6.1	9.1
68	6.1	5.0	7.4



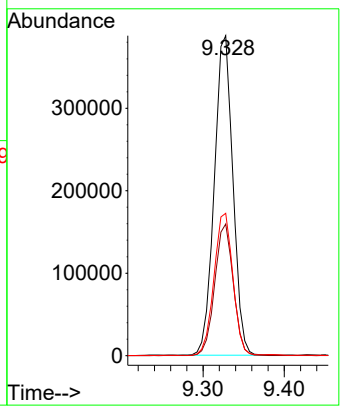


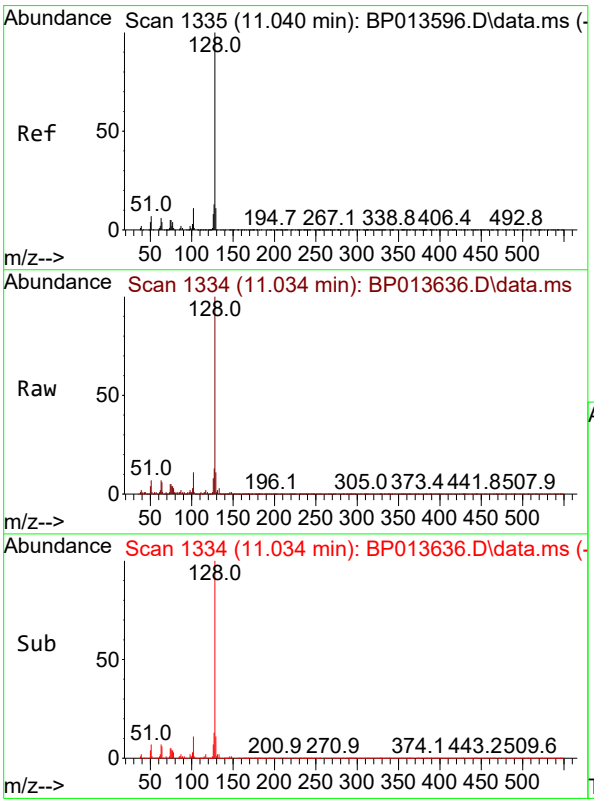
#23
Nitrobenzene-d5
Concen: 38.868 ng
RT: 9.328 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion: 82 Resp: 618127

Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.8	47.8
54	44.5	36.2	54.2

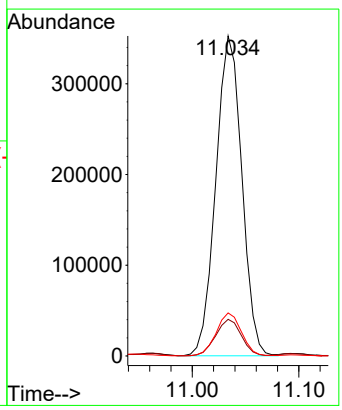


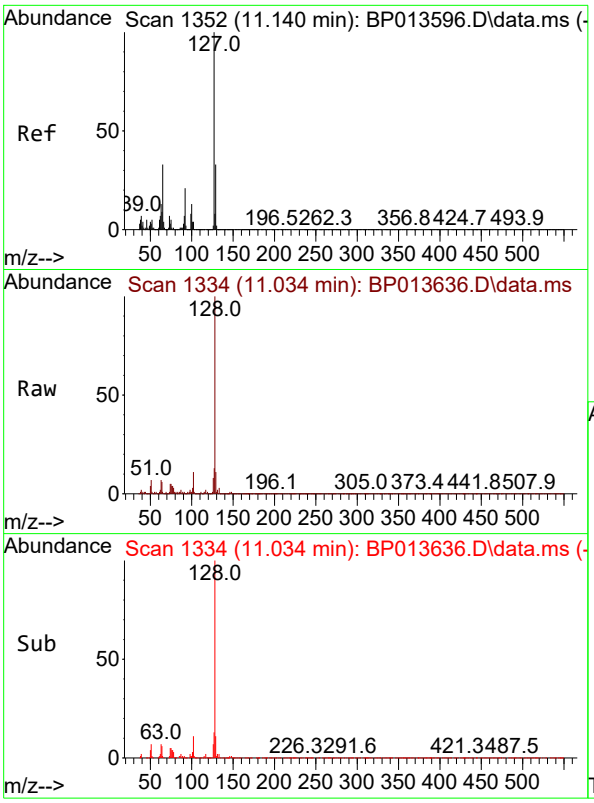


#31
Naphthalene
Concen: 13.451 ng
RT: 11.034 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:128 Resp: 597284

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.5	10.4	15.6



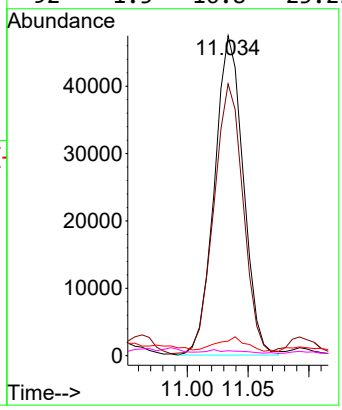


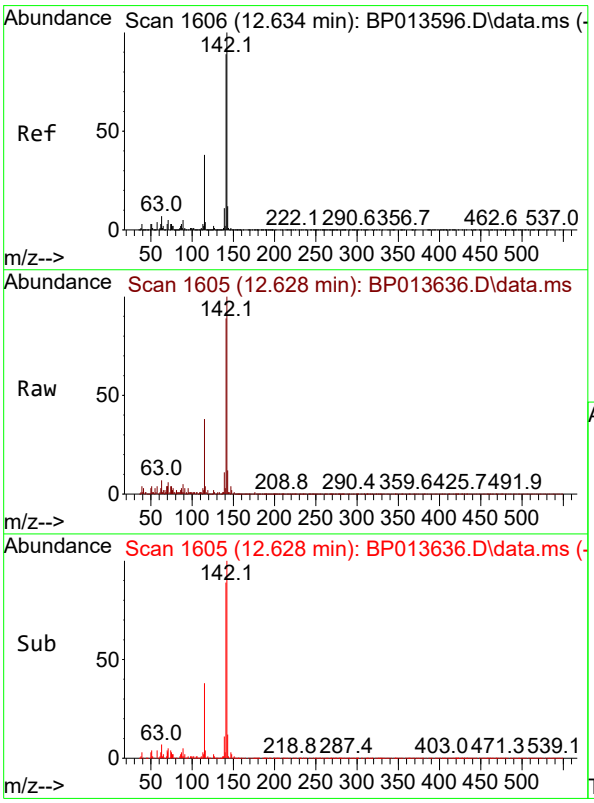
#33
4-Chloroaniline
Concen: 4.048 ng
RT: 11.034 min Scan# 1
Delta R.T. -0.106 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:127 Resp: 78027

Ion	Ratio	Lower	Upper
127	100		
129	84.9	26.2	39.4#
65	4.6	26.3	39.5#
92	1.5	16.8	25.2#

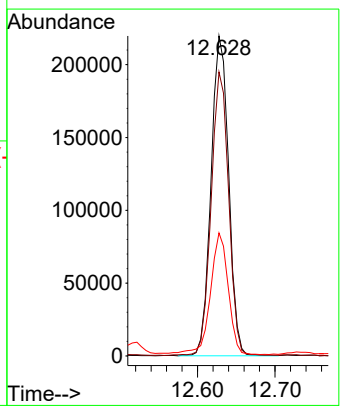


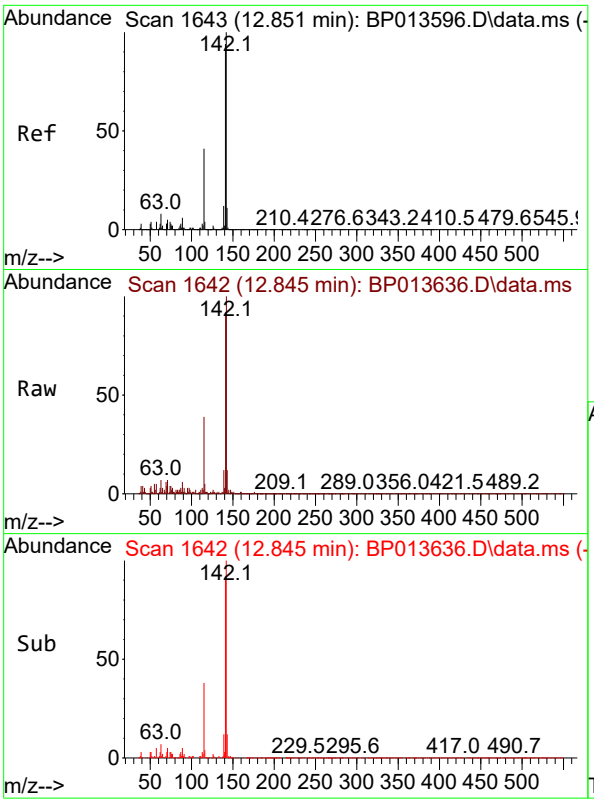


#37
2-Methylnaphthalene
Concen: 10.177 ng
RT: 12.628 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:142 Resp: 345378

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	38.5	30.6	46.0



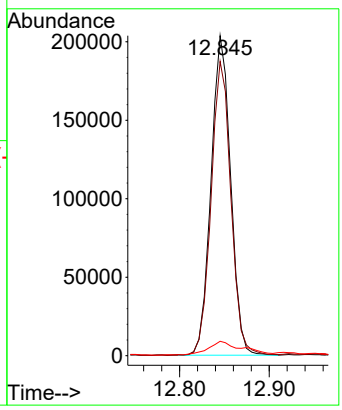


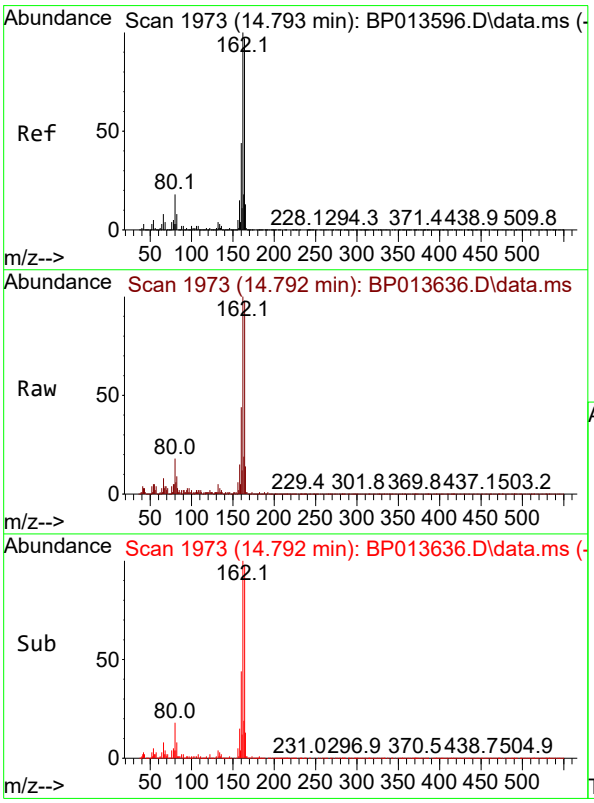
#38
1-Methylnaphthalene
Concen: 9.727 ng
RT: 12.845 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:142 Resp: 308939

Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.5	113.3
116	4.5	3.3	4.9

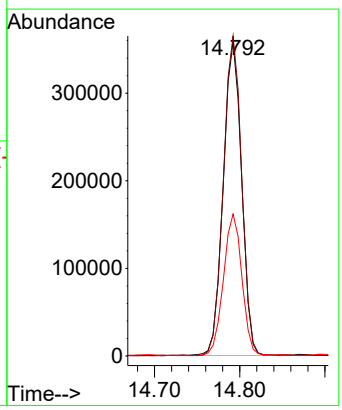


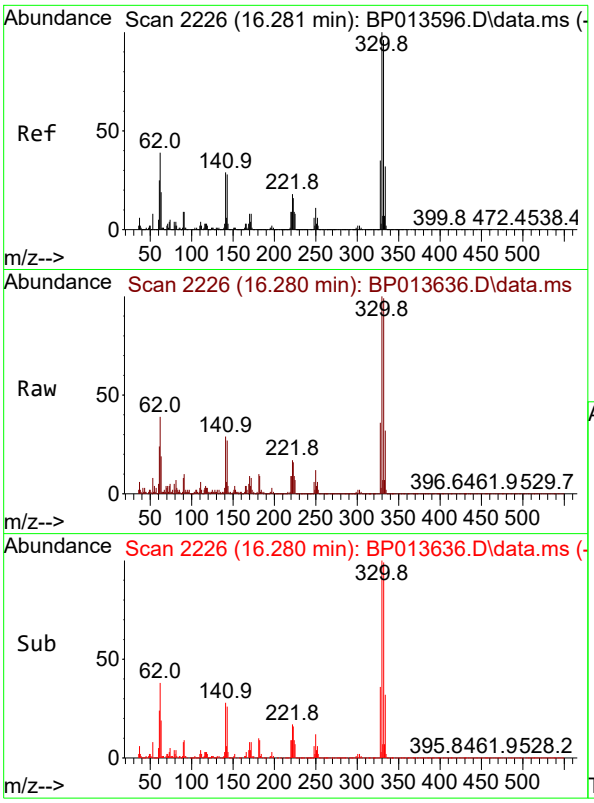


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:164 Resp: 536369

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.3	123.5
160	45.2	36.6	54.8



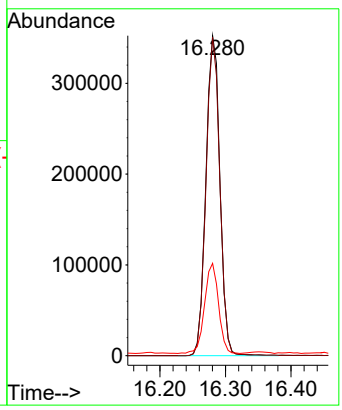


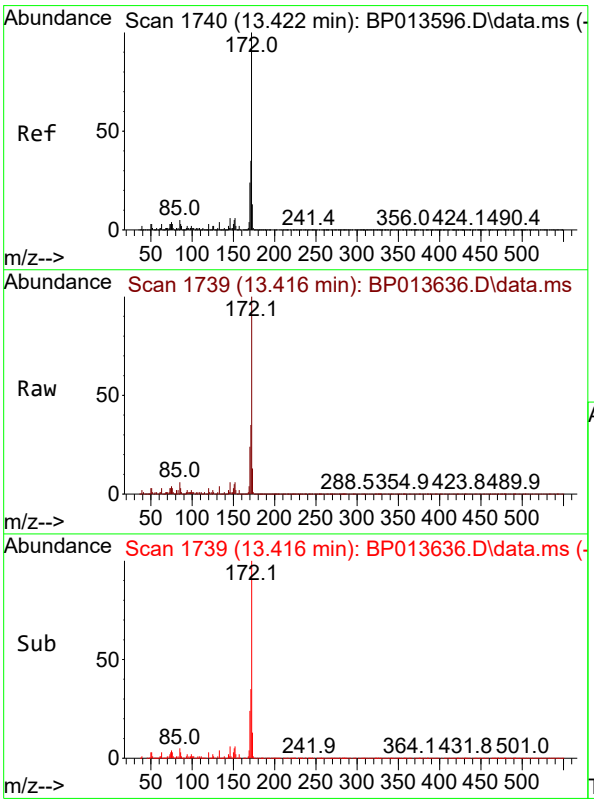
#42
2,4,6-Tribromophenol
Concen: 64.181 ng
RT: 16.280 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:330 Resp: 524108

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.4
141	28.0	23.3	34.9

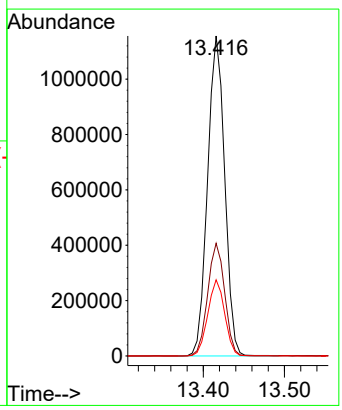


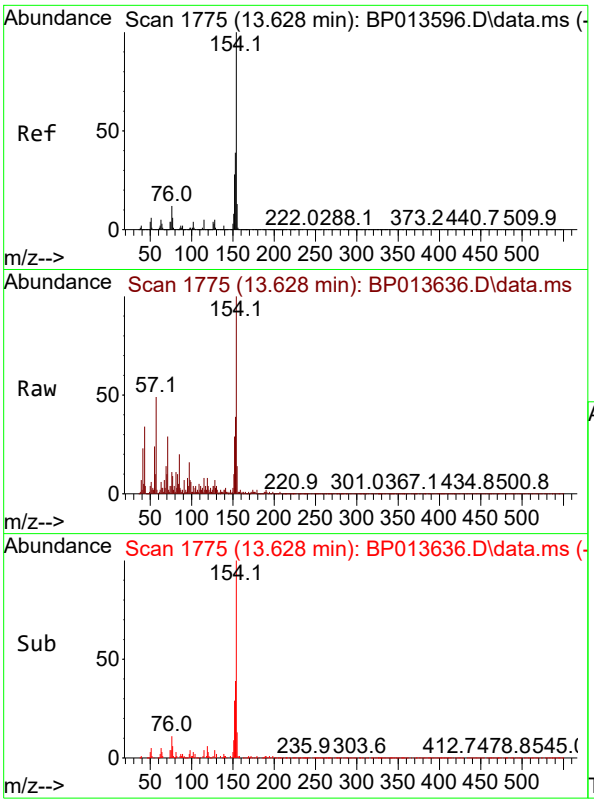


#45
2-Fluorobiphenyl
Concen: 44.994 ng
RT: 13.416 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:172 Resp: 1689775

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.8	19.1	28.7



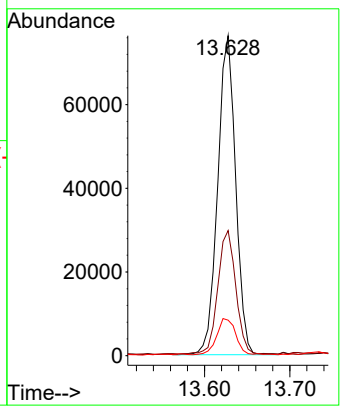


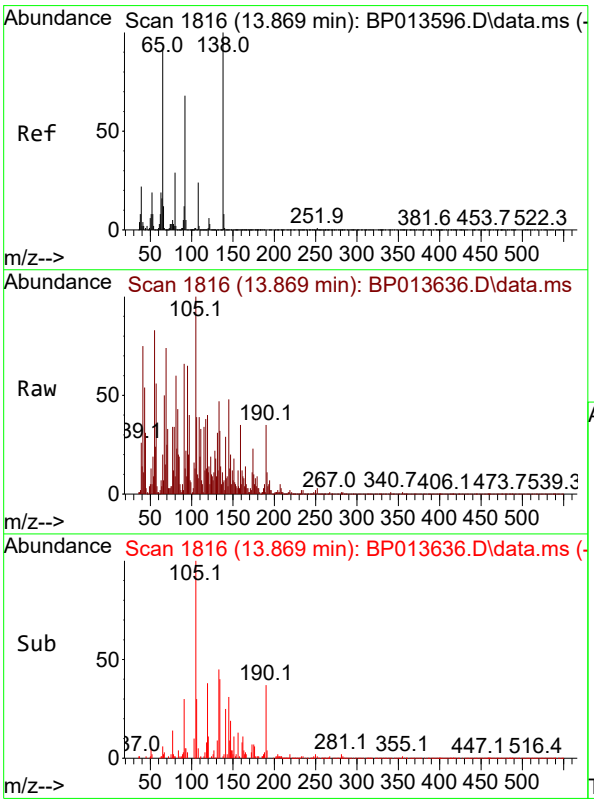
#46
1,1'-Biphenyl
Concen: 2.795 ng
RT: 13.628 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:154 Resp: 111714

Ion	Ratio	Lower	Upper
154	100		
153	39.1	18.9	58.9
76	11.1	0.0	32.1

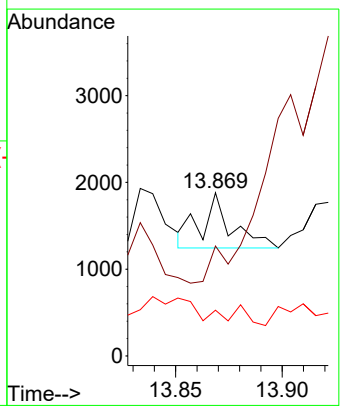


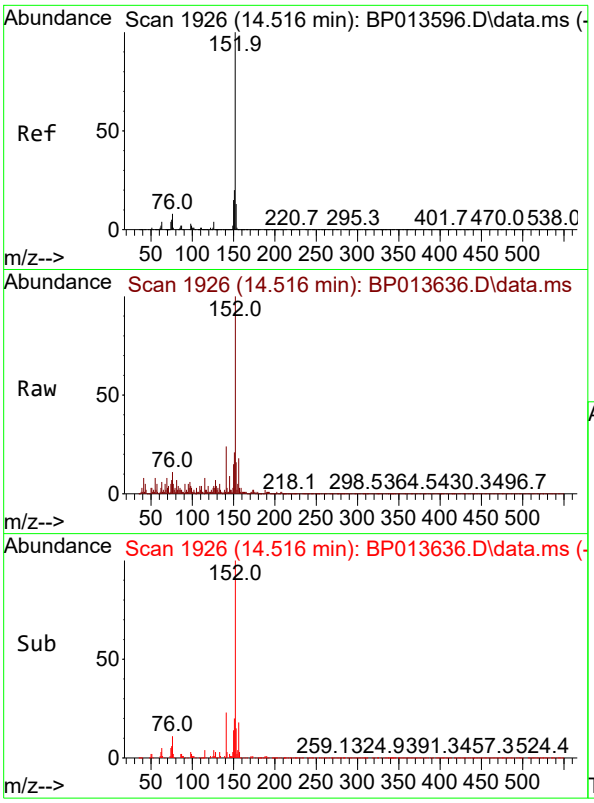


#48
2-Nitroaniline
Concen: 3.997 ng
RT: 13.869 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion: 65 Resp: 619

Ion	Ratio	Lower	Upper
65	100		
92	67.3	59.5	89.3
138	28.1	87.1	130.7#



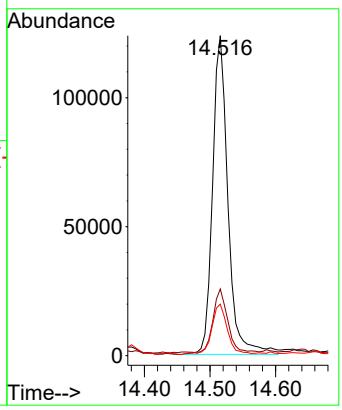


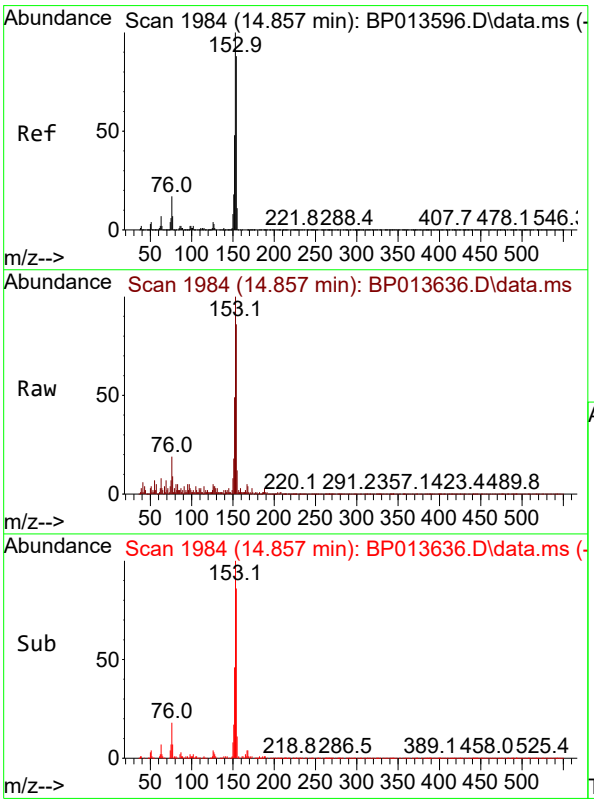
#49
Acenaphthylene
Concen: 4.006 ng
RT: 14.516 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:152 Resp: 201523

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.0	24.0
153	16.1	10.6	16.0#

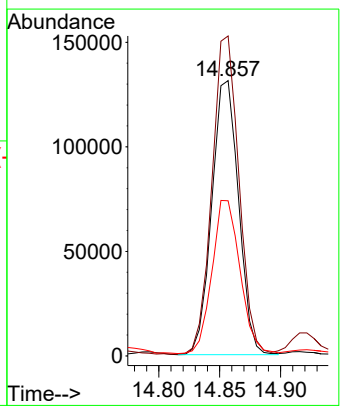


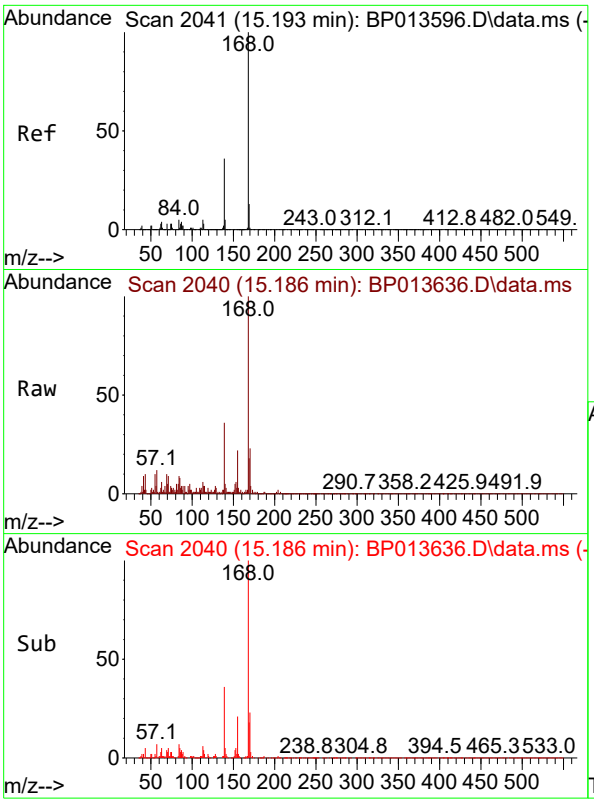


#52
Acenaphthene
Concen: 6.215 ng
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:154 Resp: 200110

Ion	Ratio	Lower	Upper
154	100		
153	116.2	91.0	136.6
152	56.4	44.0	66.0



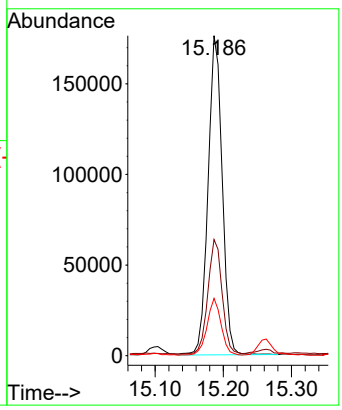


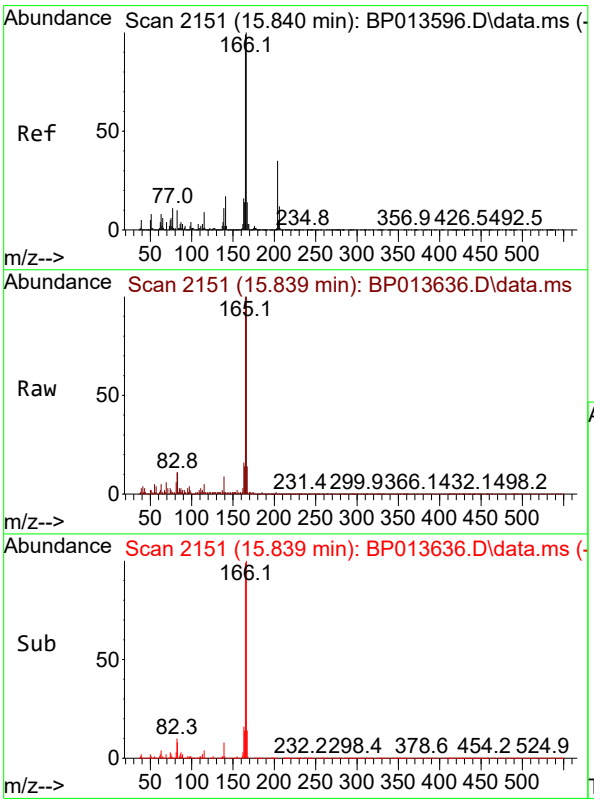
#55
Dibenzofuran
Concen: 5.055 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.007 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:168 Resp: 254932

Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.0	43.4
169	17.9	10.6	15.8#

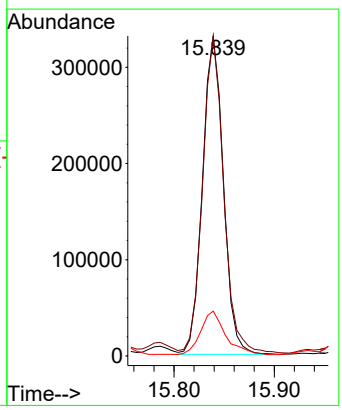


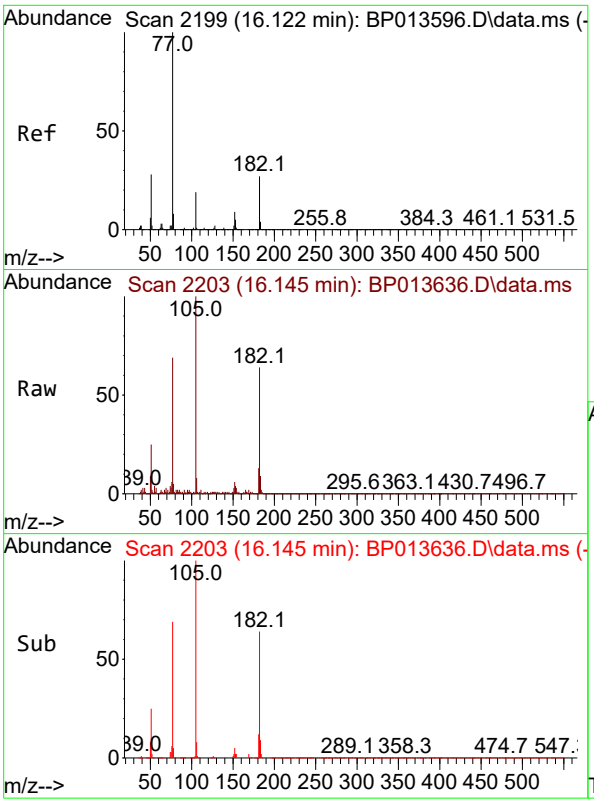


#58
Fluorene
Concen: 12.446 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:166 Resp: 479992

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.4	119.0
167	14.0	10.9	16.3



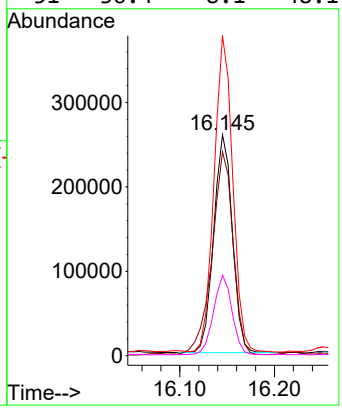


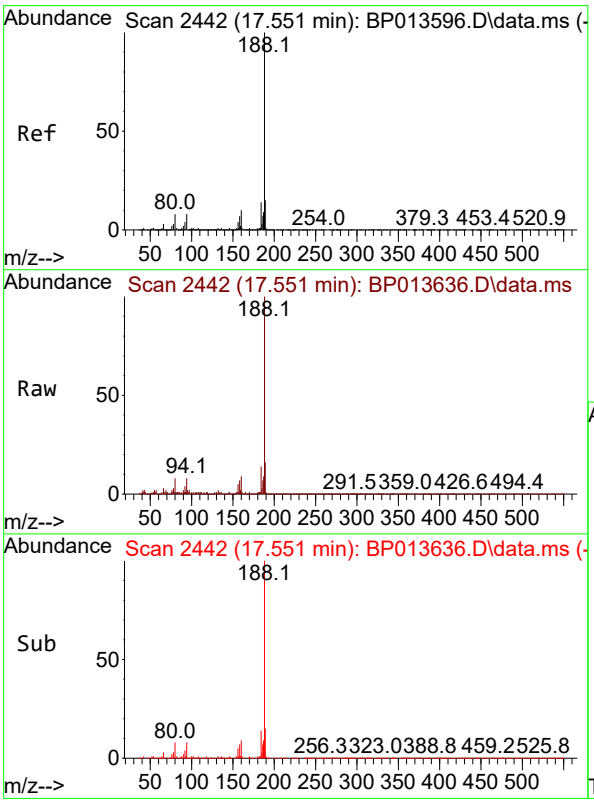
#63
Azobenzene
Concen: 9.129 ng
RT: 16.145 min Scan# 2
Delta R.T. 0.023 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion: 77 Resp: 353885

Ion	Ratio	Lower	Upper
77	100		
182	92.2	7.0	47.0#
105	144.7	0.0	39.2#
51	36.4	8.1	48.1

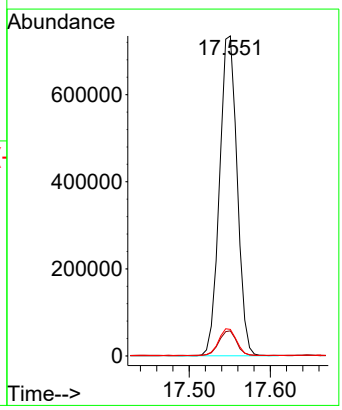


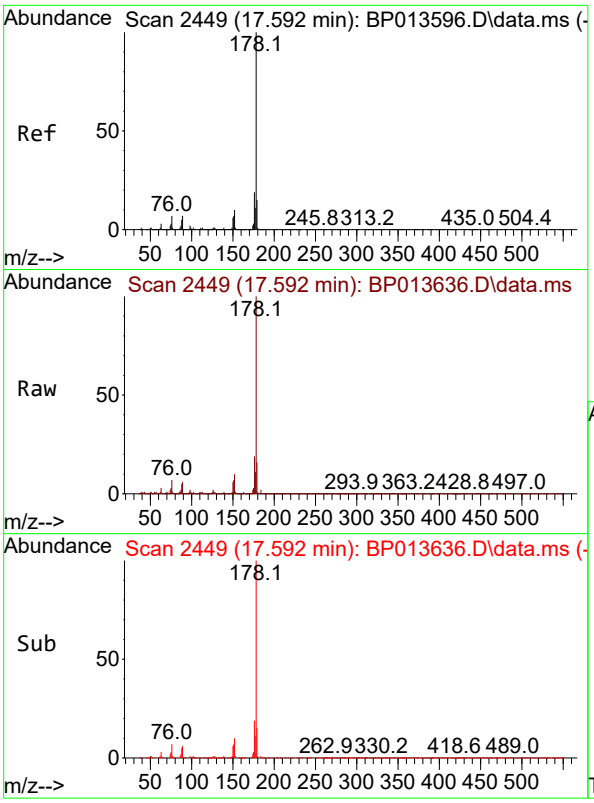


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.551 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:188 Resp: 1109368

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.1	9.1
80	8.3	6.6	10.0



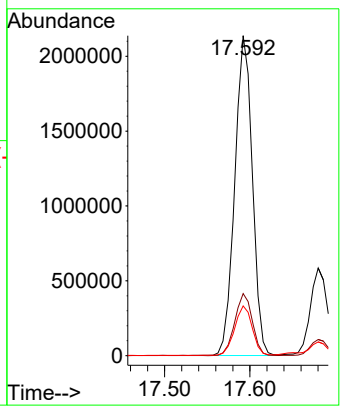


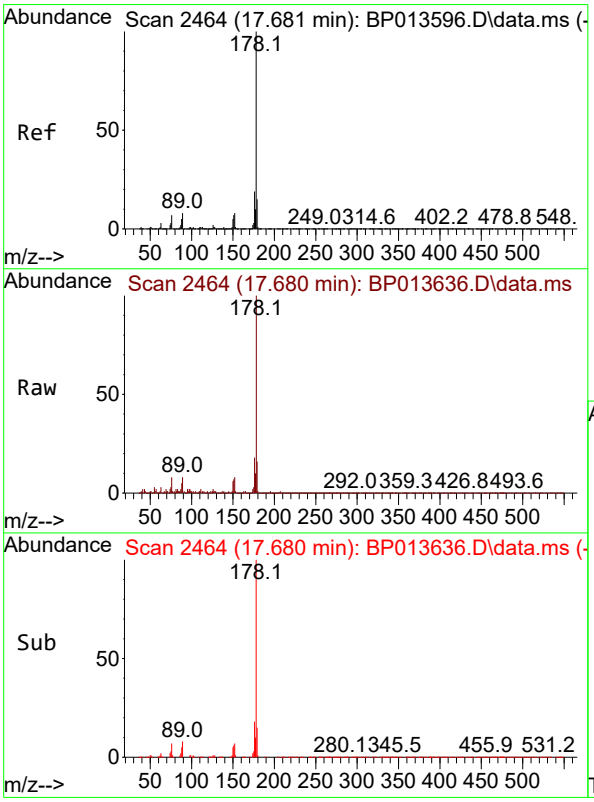
#71
Phenanthrene
Concen: 53.867 ng
RT: 17.592 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:178 Resp: 3064857

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.6	12.2	18.4

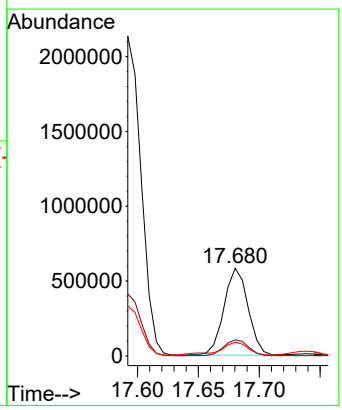


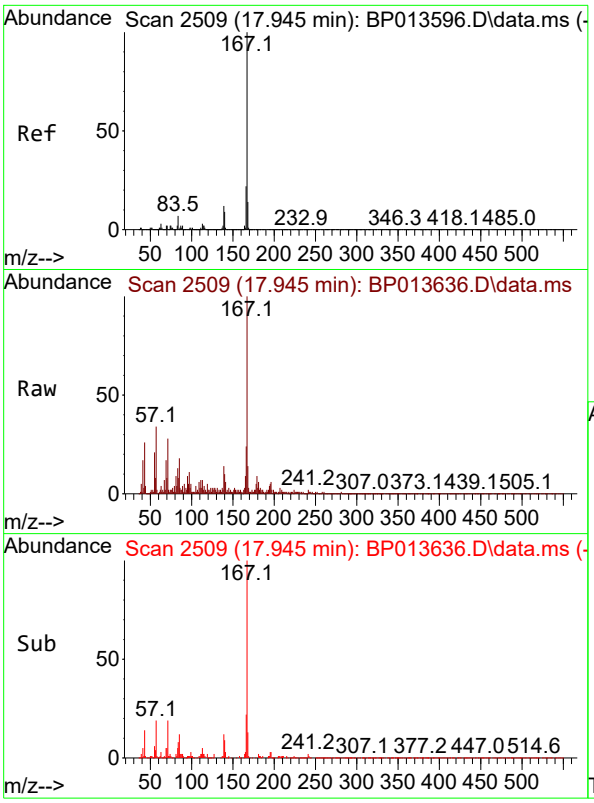


#72
Anthracene
Concen: 13.892 ng
RT: 17.680 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:178 Resp: 798666

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.6	12.3	18.5



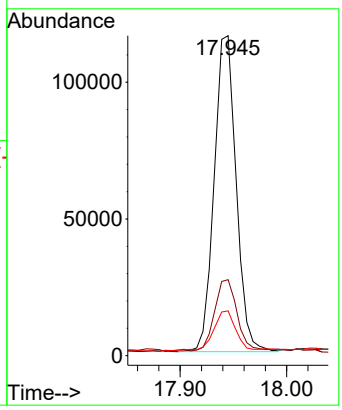


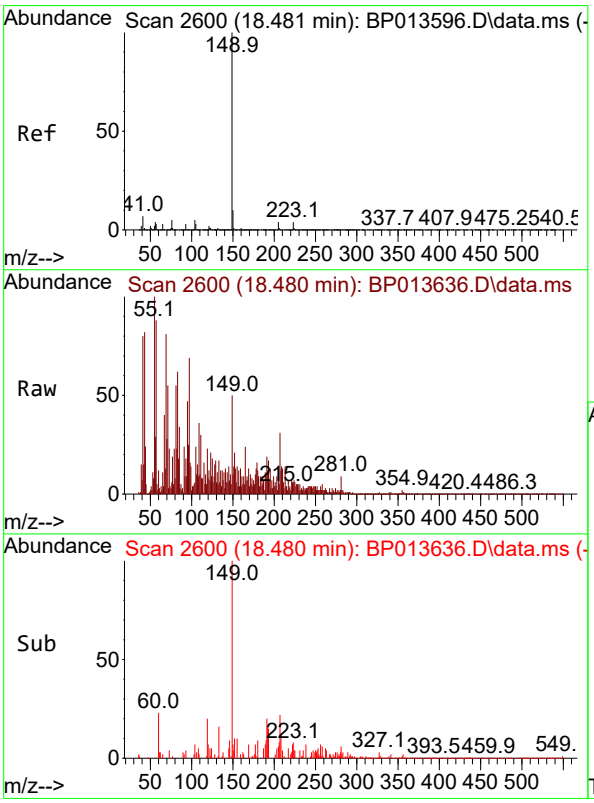
#73
Carbazole
Concen: 3.227 ng
RT: 17.945 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:167 Resp: 165328

Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.4	26.2
139	14.0	9.8	14.6

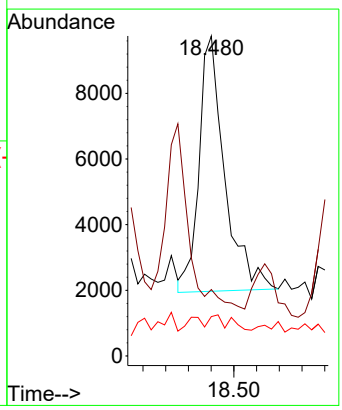


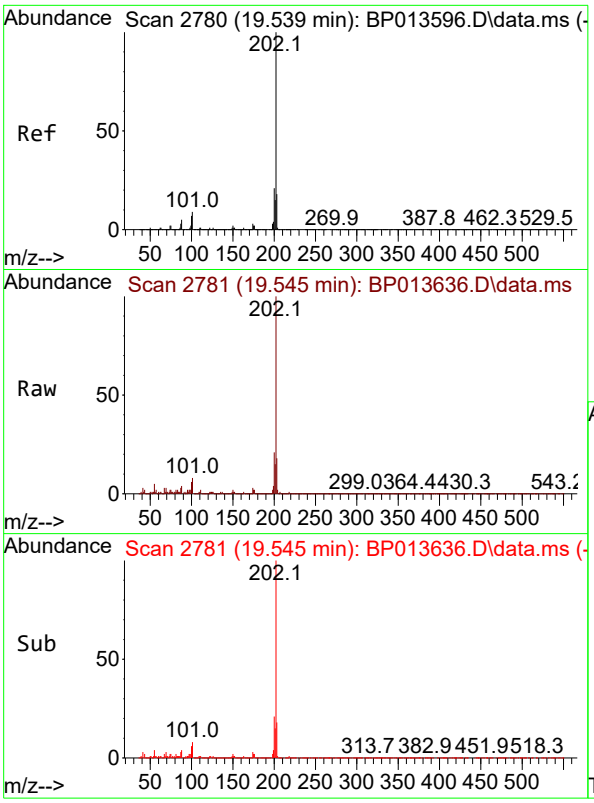


#74
Di-n-butylphthalate
Concen: 3.808 ng
RT: 18.480 min Scan# 2600
Delta R.T. -0.001 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:149 Resp: 12169

Ion	Ratio	Lower	Upper
149	100		
150	20.8	7.6	11.4#
104	12.3	4.4	6.6#



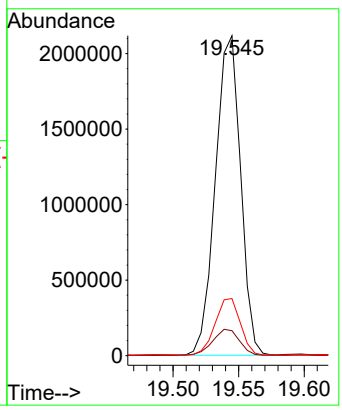


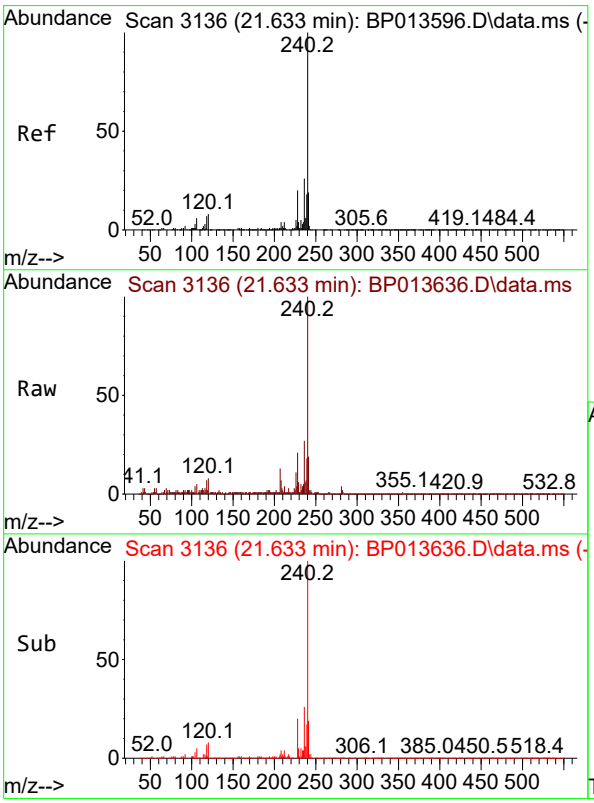
#75
Fluoranthene
Concen: 39.825 ng
RT: 19.545 min Scan# 2
Delta R.T. 0.005 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:202 Resp: 2826194

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.9
203	17.8	0.0	37.6

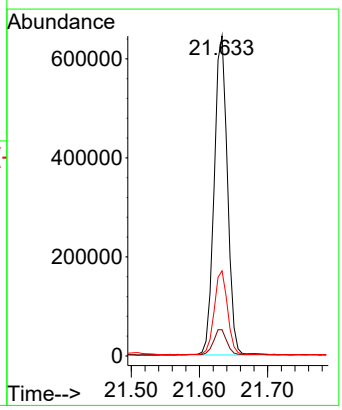


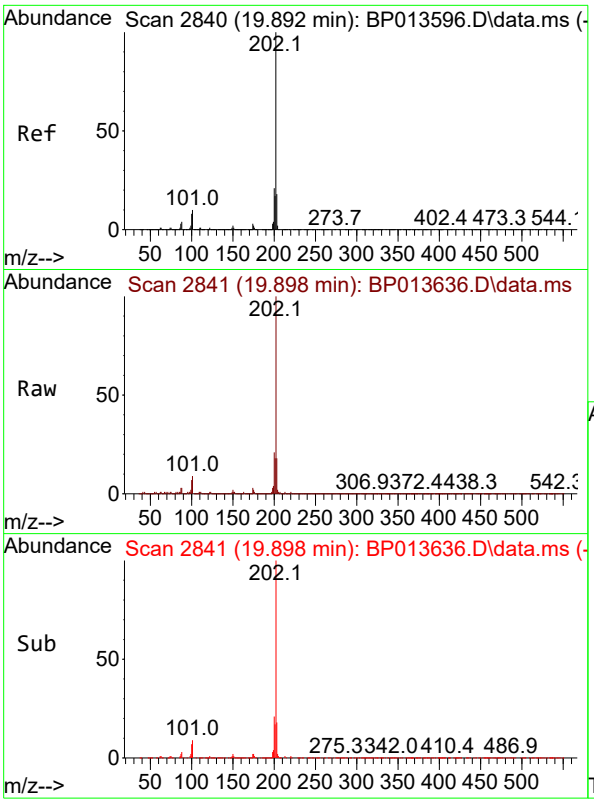


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:240 Resp: 871966

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.7	10.1
236	26.6	20.7	31.1



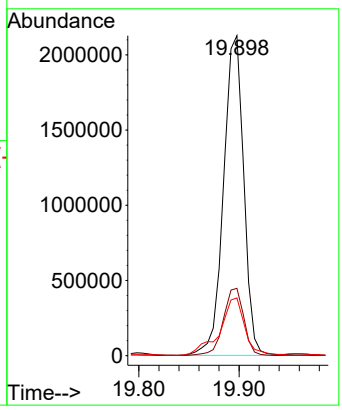


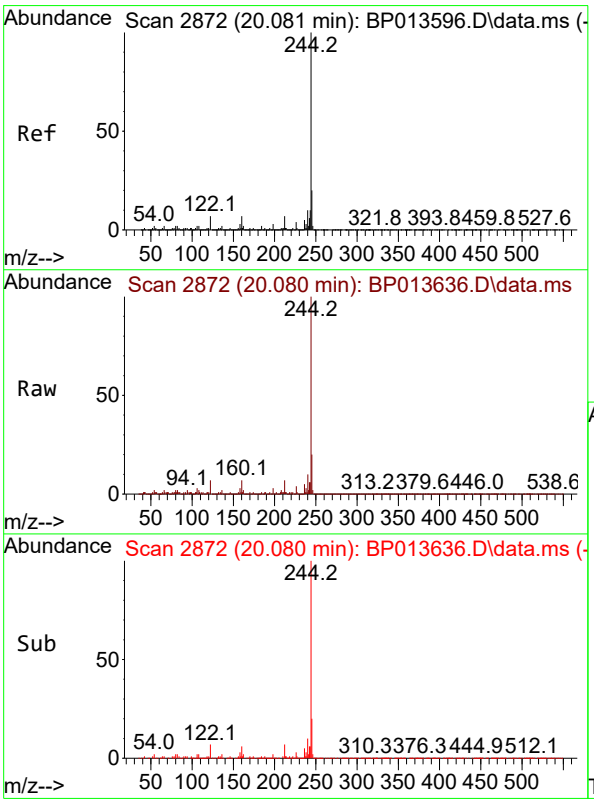
#78
Pyrene
Concen: 44.042 ng
RT: 19.898 min Scan# 2
Delta R.T. 0.005 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:202 Resp: 2972129

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	18.1	14.2	21.2

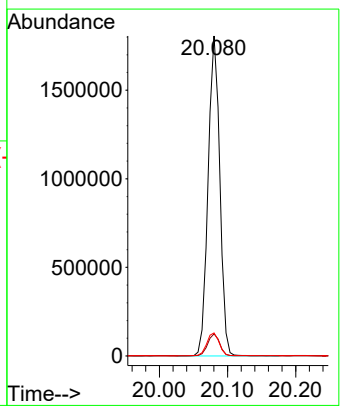


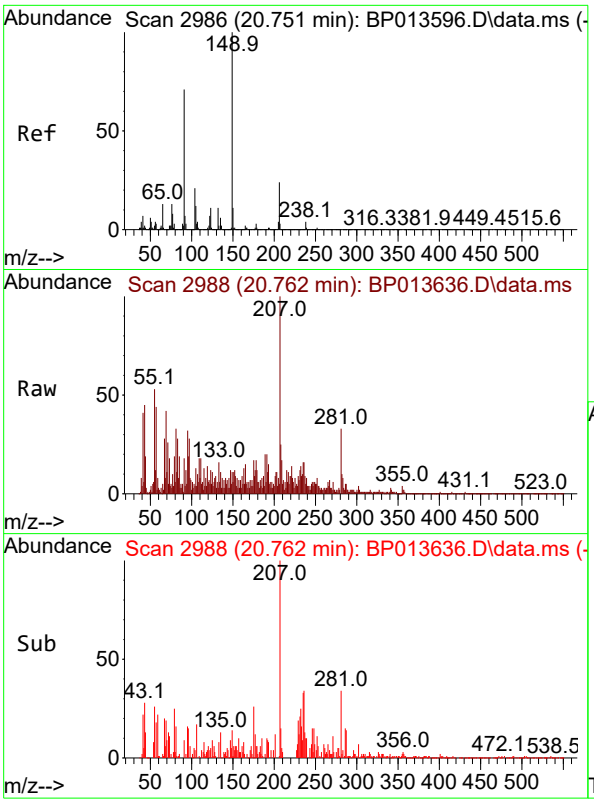


#79
Terphenyl-d14
Concen: 43.597 ng
RT: 20.080 min Scan# 2872
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:244 Resp: 2154249

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	7.2	5.3	7.9



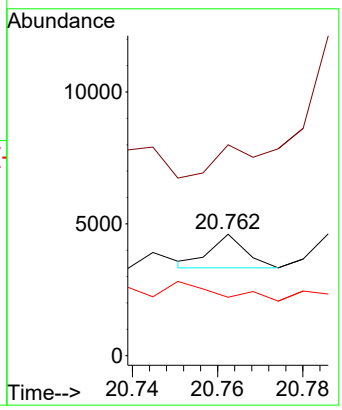


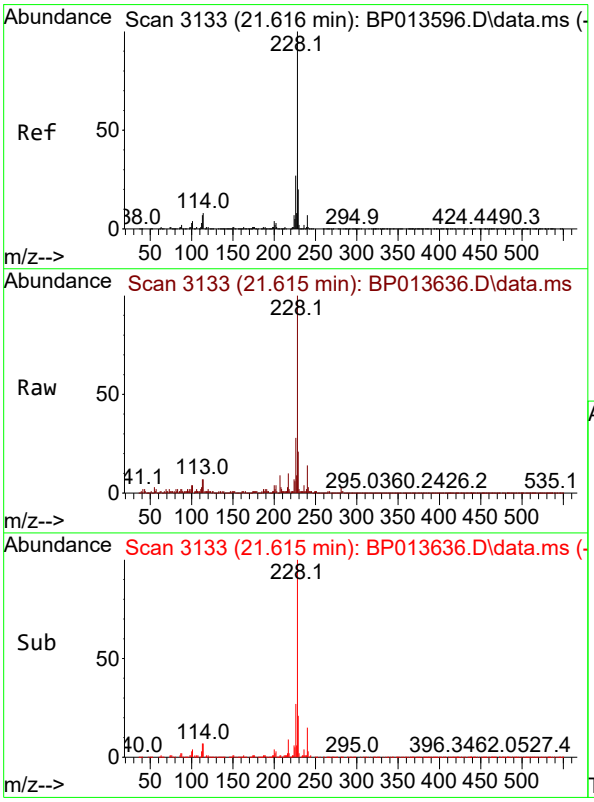
#80
Butylbenzylphthalate
Concen: 5.430 ng
RT: 20.762 min Scan# 2
Delta R.T. 0.011 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:149 Resp: 728

Ion	Ratio	Lower	Upper
149	100		
91	173.6	57.0	85.6#
206	48.1	19.0	28.6#

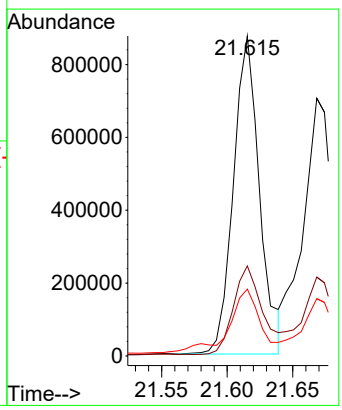


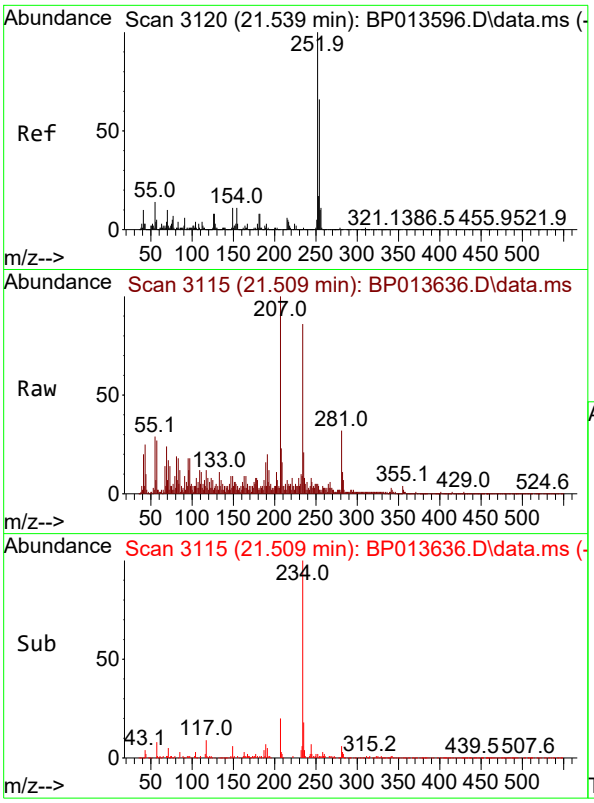


#81
Benzo(a)anthracene
Concen: 19.711 ng
RT: 21.615 min Scan# 3133
Delta R.T. -0.001 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:228 Resp: 1210316

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.0	33.0
229	20.9	15.9	23.9



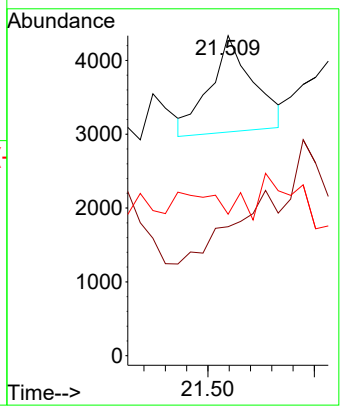


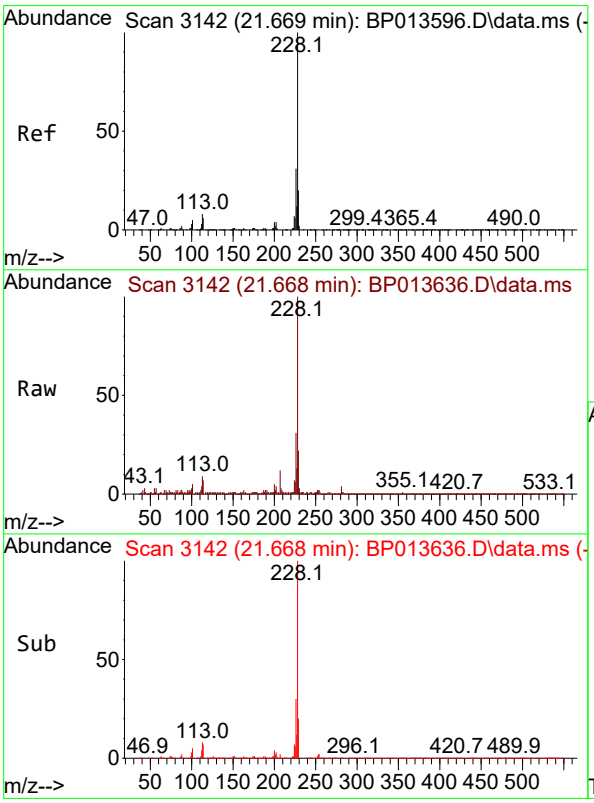
#82
3,3'-Dichlorobenzidine
Concen: 6.456 ng
RT: 21.509 min Scan# 3
Delta R.T. -0.030 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:252 Resp: 1831

Ion	Ratio	Lower	Upper
252	100		
254	40.3	52.3	78.5#
126	44.2	6.2	9.4#

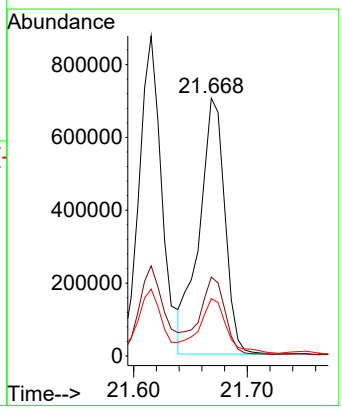


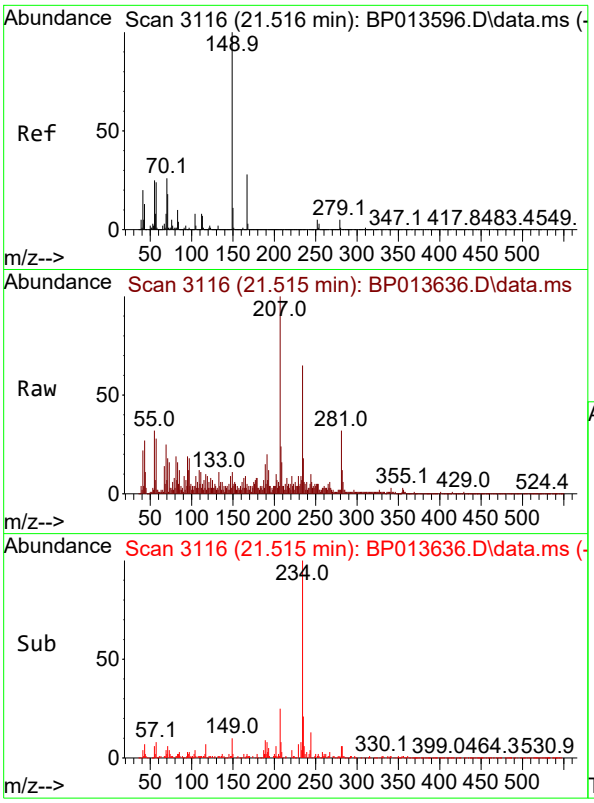


#83
Chrysene
Concen: 19.098 ng
RT: 21.668 min Scan# 3142
Delta R.T. -0.001 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:228 Resp: 1101865

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	22.2	15.8	23.8



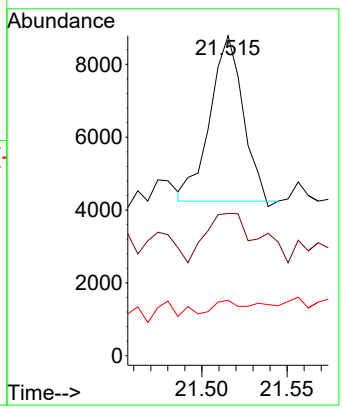


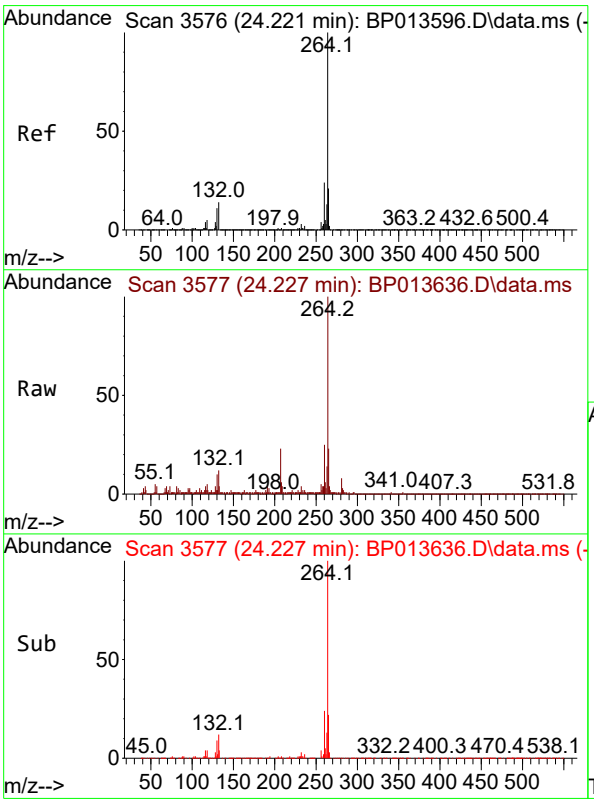
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.786 ng
RT: 21.515 min Scan# 3
Delta R.T. -0.001 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:149 Resp: 6058

Ion	Ratio	Lower	Upper
149	100		
167	44.4	22.2	33.4#
279	17.3	3.8	5.6#

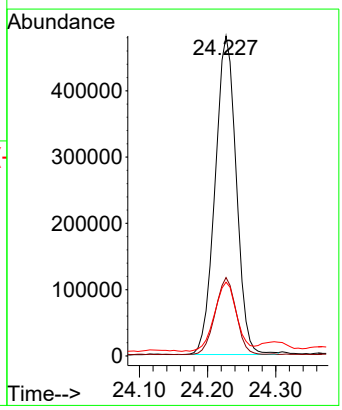


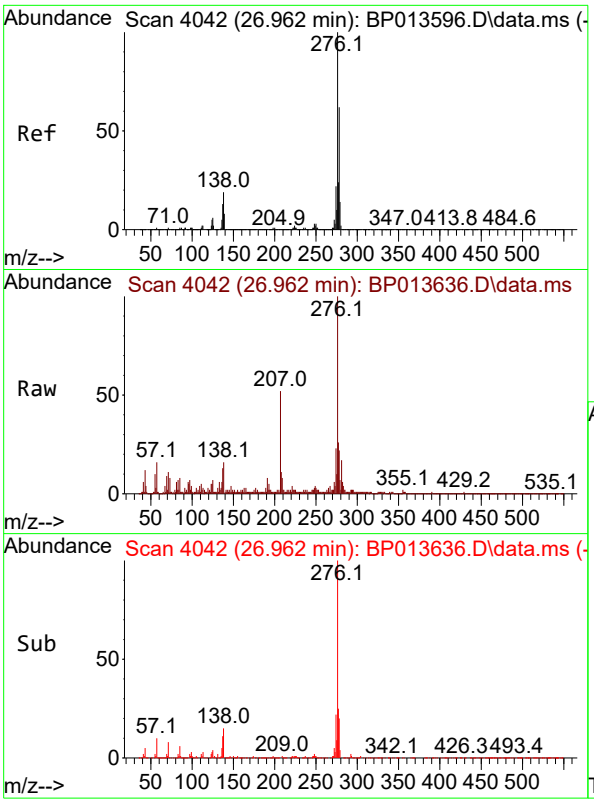


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.227 min Scan# 3577
Delta R.T. 0.005 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:264 Resp: 1039520

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	23.0	17.4	26.0



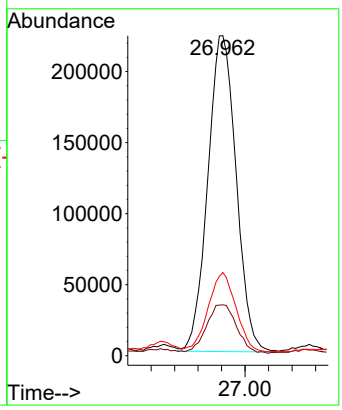


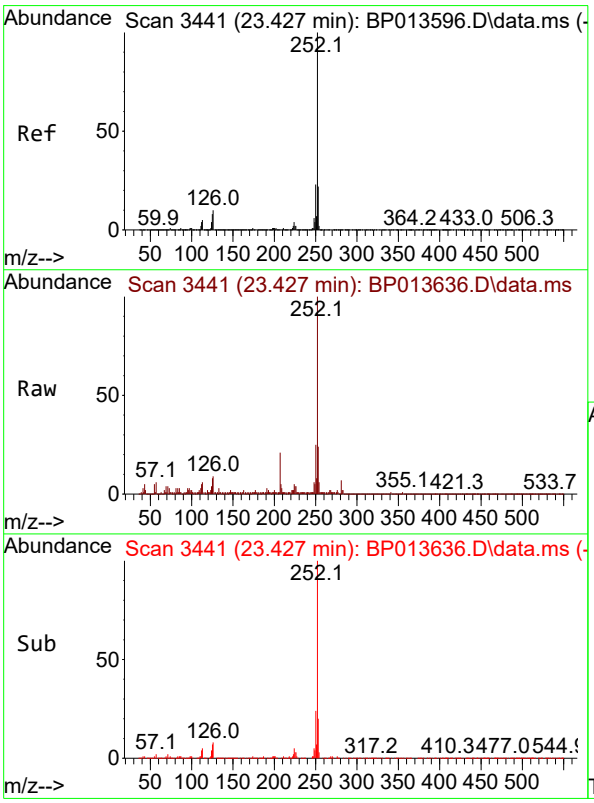
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.212 ng
RT: 26.962 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:276 Resp: 746281

Ion	Ratio	Lower	Upper
276	100		
138	16.4	16.4	24.6#
277	24.7	20.2	30.2

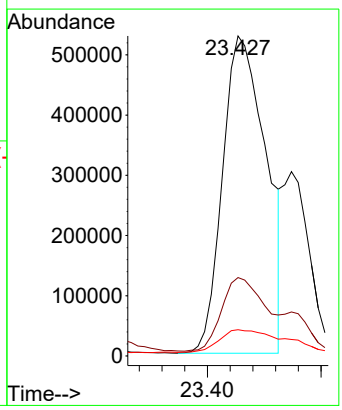


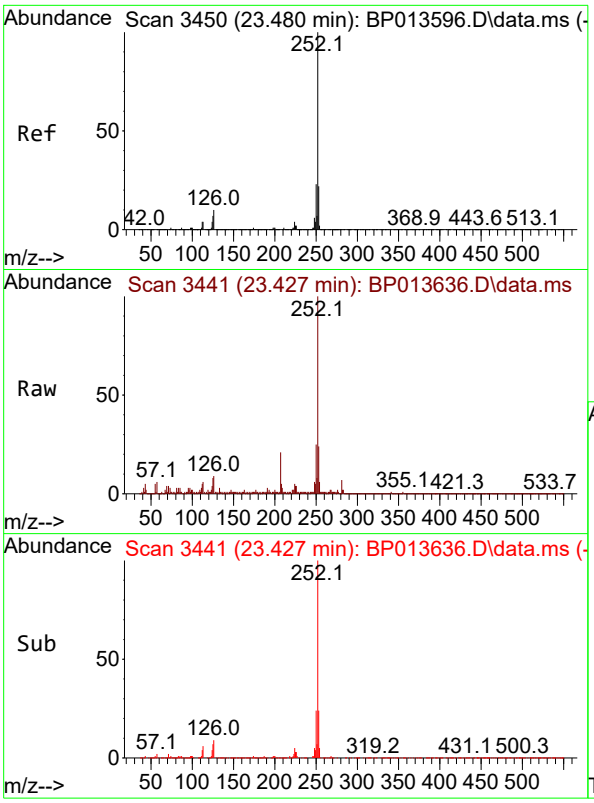


#88
Benzo(b)fluoranthene
Concen: 21.008 ng
RT: 23.427 min Scan# 3441
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:252 Resp: 1402044

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.8
125	8.2	6.2	9.4



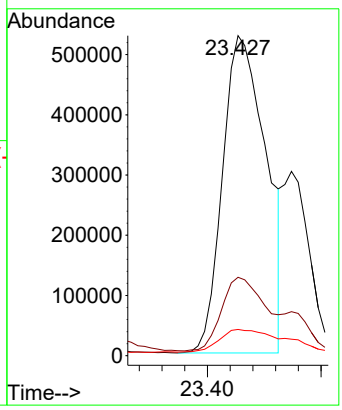


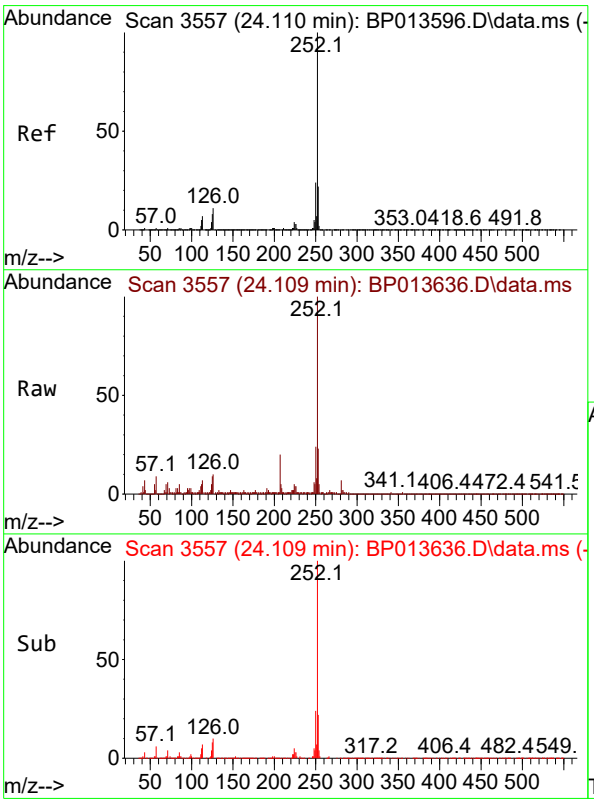
#89
Benzo(k)fluoranthene
Concen: 21.162 ng
RT: 23.427 min Scan# 34
Delta R.T. -0.053 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:252 Resp: 1402044

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.6	26.4
125	8.2	5.9	8.9

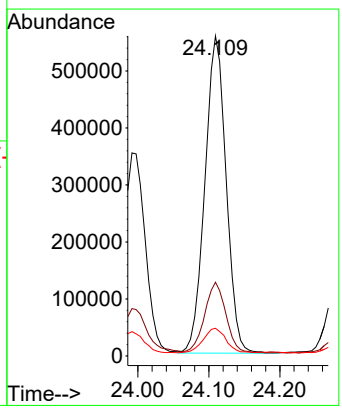


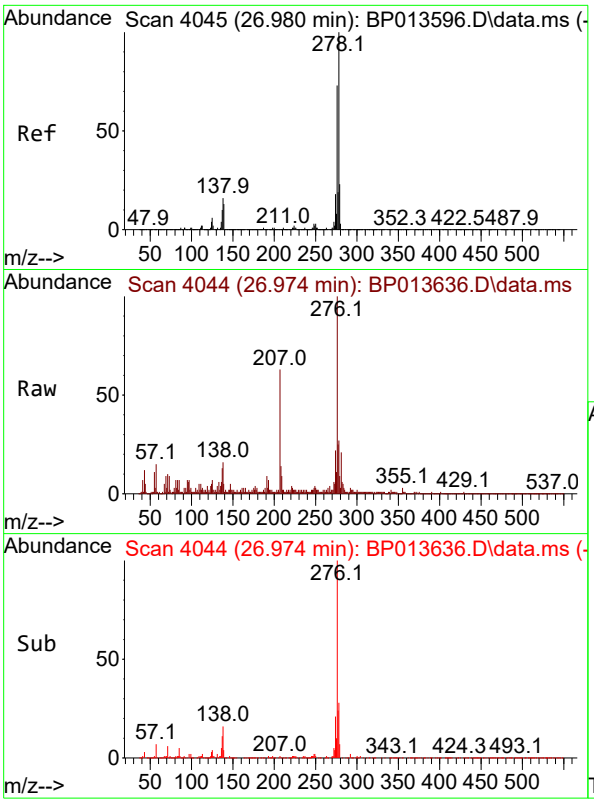


#90
Benzo(a)pyrene
Concen: 18.449 ng
RT: 24.109 min Scan# 3557
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:252 Resp: 1158891

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	8.6	6.8	10.2



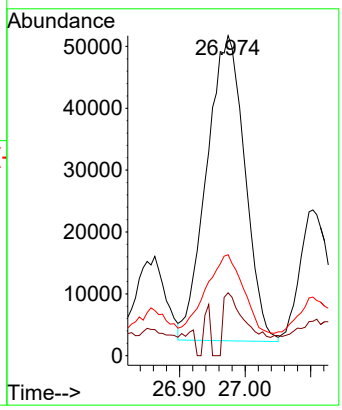


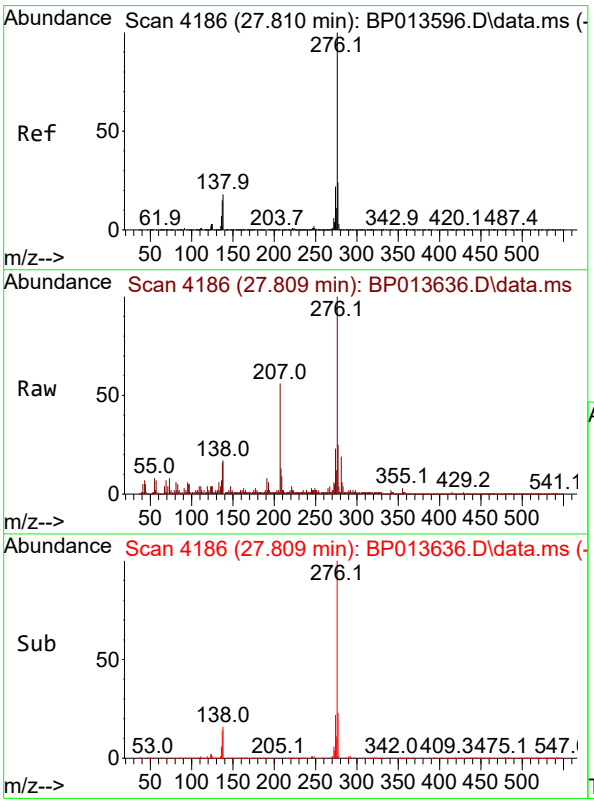
#91
Dibenzo(a,h)anthracene
Concen: 3.279 ng
RT: 26.974 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Instrument :
BNA_P
ClientSampleId :
PL-3-012523

Tgt Ion:278 Resp: 199416

Ion	Ratio	Lower	Upper
278	100		
139	23.5	10.6	15.8#
279	31.5	18.7	28.1#





#92
Benzo(g,h,i)perylene
Concen: 13.013 ng
RT: 27.809 min Scan# 4186
Delta R.T. -0.000 min
Lab File: BP013636.D
Acq: 28 Jan 2023 01:40

Tgt Ion:276 Resp: 779155

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.9	28.3
138	16.6	14.3	21.5