Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Quant Time: Feb 09 15:49:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	240826	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	917434	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	607331	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1269393	20.000	ng		0.01
76) Chrysene-d12	21.310	240	1099606	20.000	ng		0.01
86) Perylene-d12	23.716	264	1135860	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1424475	105.511	ng		0.00
7) Phenol-d6	6.993	99	1786968	100.451	ng		0.00
23) Nitrobenzene-d5	8.963	82	1125154	69.162	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	1133182	139.744	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	2884471	66.487	ng		0.00
79) Terphenyl-d14	19.775	244	4184685	68.438	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.016	94	39904	2.231	ng	#	70
20) 3+4-Methylphenols	8.610	107	33345	2.032	ng	#	84
31) Naphthalene	10.652	128	177882	3.802	ng		98
32) Benzoic acid	9.934	122	3444	3.095	ng	#	46
37) 2-Methylnaphthalene	12.269	142	119194	3.600	ng	#	95
38) 1-Methylnaphthalene	12.487	142	96380	2.979	ng	#	97
41) Hexachlorocyclopentadiene	12.604	237	35	8.660	ng		81
49) Acenaphthylene	14.175	152	1026958	19.211	ng		95
51) 2,6-Dinitrotoluene	14.063	165	26066	2.887	ng	#	45
53) 3-Nitroaniline	14.357	138	29632	3.209	ng	#	29
54) 2,4-Dinitrophenol	14.551	184	1493	2.559	ng	#	1
62) 4-Nitroaniline	15.345	138	36536	3.935	ng		94
66) n-Nitrosodiphenylamine	15.722	169	143429	3.726	ng	#	45
71) Phenanthrene	17.257	178	378412	5.505	ng	#	86
72) Anthracene	17.345	178	486669	7.237	ng	#	89
75) Fluoranthene	19.228	202	1256132	16.306	ng		95
78) Pyrene	19.580	202	2506679	32.046	ng		98
81) Benzo(a)anthracene	21.292	228	1578065	22.270	ng		96
83) Chrysene	21.345	228	1662776	24.341	ng		97
87) Indeno(1,2,3-cd)pyrene	26.221	276	2091252	24.779	ng	#	93
88) Benzo(b)fluoranthene	22.986	252	4923768	70.415	ng		99
89) Benzo(k)fluoranthene	22.986	252	4923768	70.578	ng		99
90) Benzo(a)pyrene	23.610	252	3397735	58.282	ng		97
91) Dibenzo(a,h)anthracene	26.221	278	596266	8.597	ng	#	92
92) Benzo(g,h,i)perylene	26.992	276	1975116	28.602	ng		96

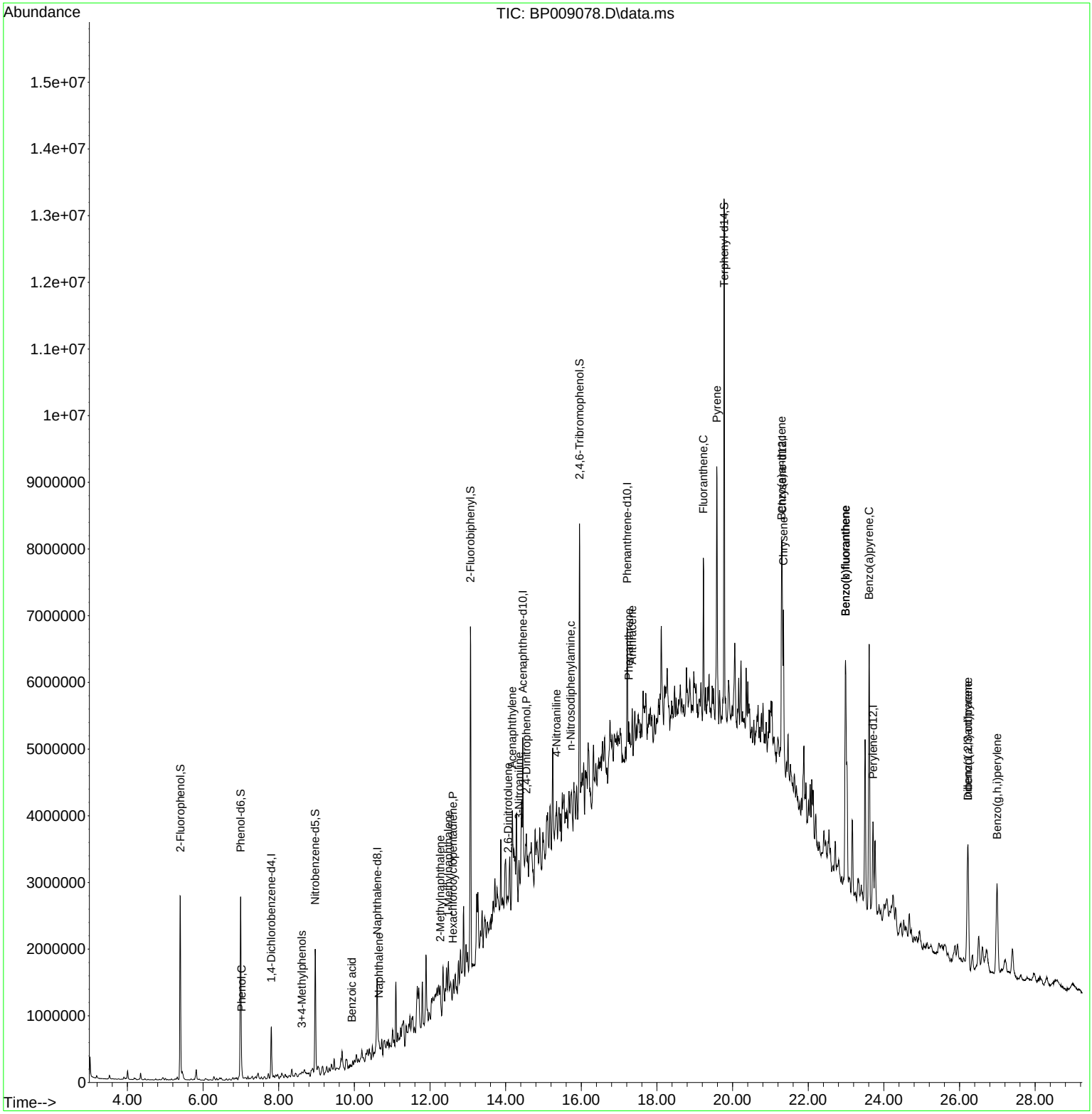
(#) = qualifier out of range (m) = manual integration (+) = signals summed

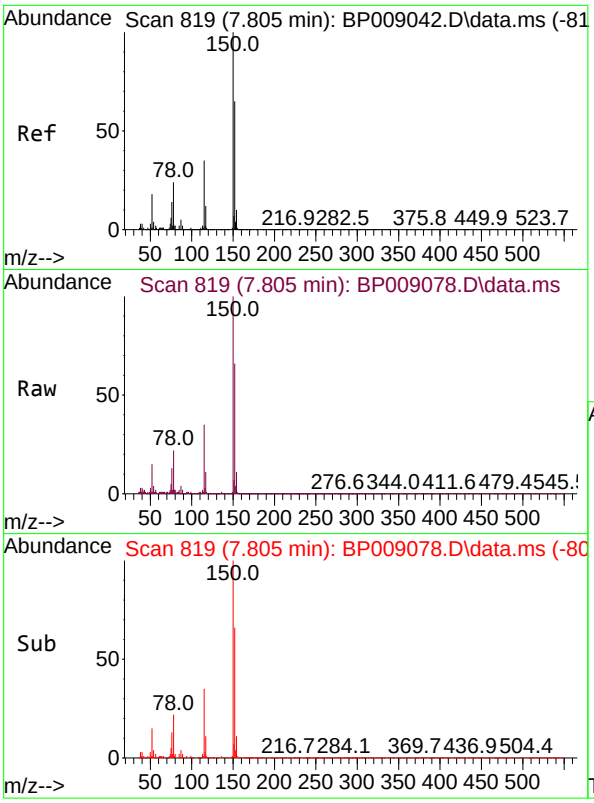
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Quant Time: Feb 09 15:49:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration



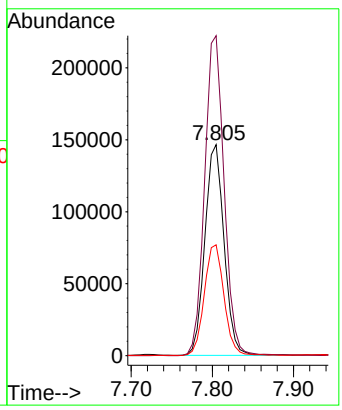


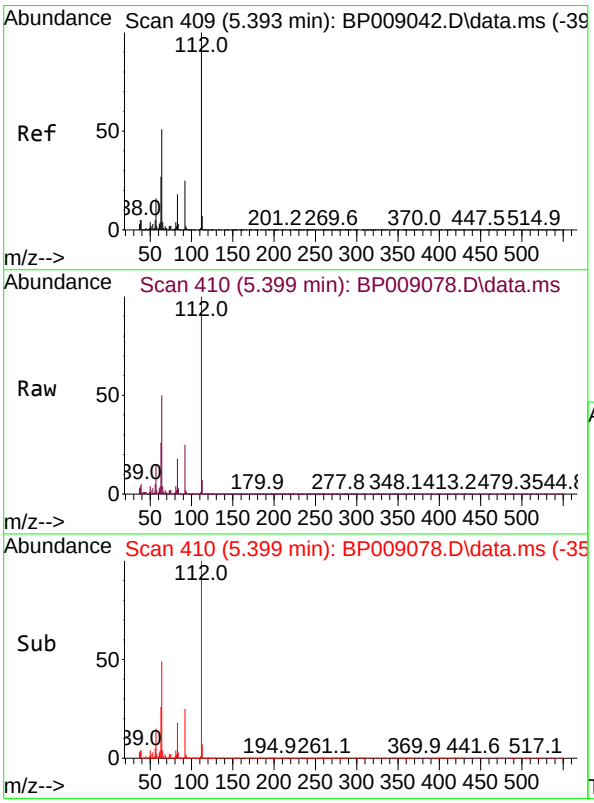
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:152 Resp: 240826

Ion	Ratio	Lower	Upper
152	100		
150	151.6	127.0	190.6
115	52.5	43.7	65.5

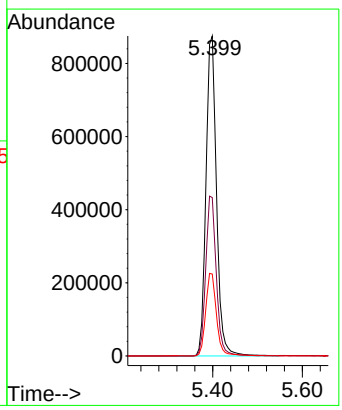


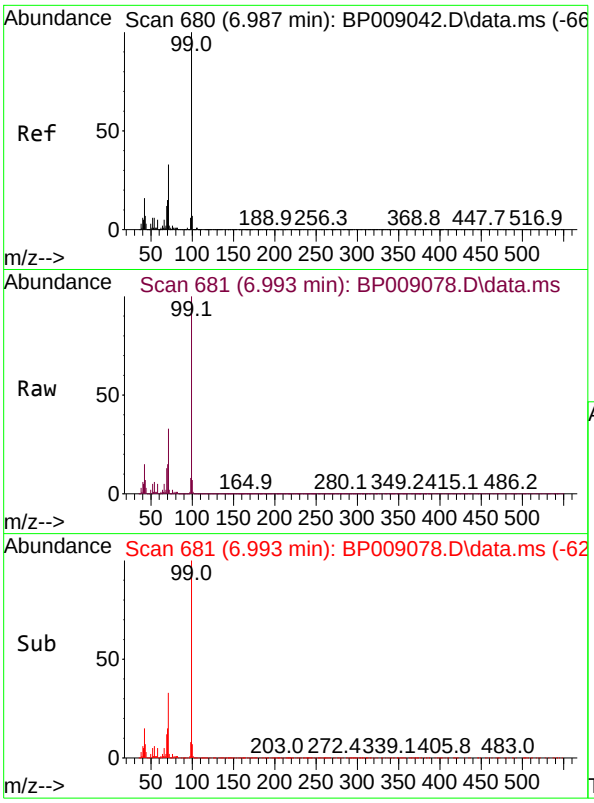


#5
2-Fluorophenol
Concen: 105.511 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:112 Resp: 1424475

Ion	Ratio	Lower	Upper
112	100		
64	49.5	39.7	59.5
63	25.6	20.0	30.0



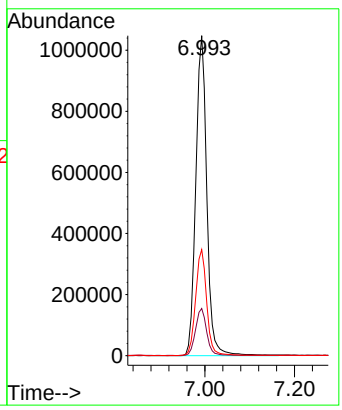


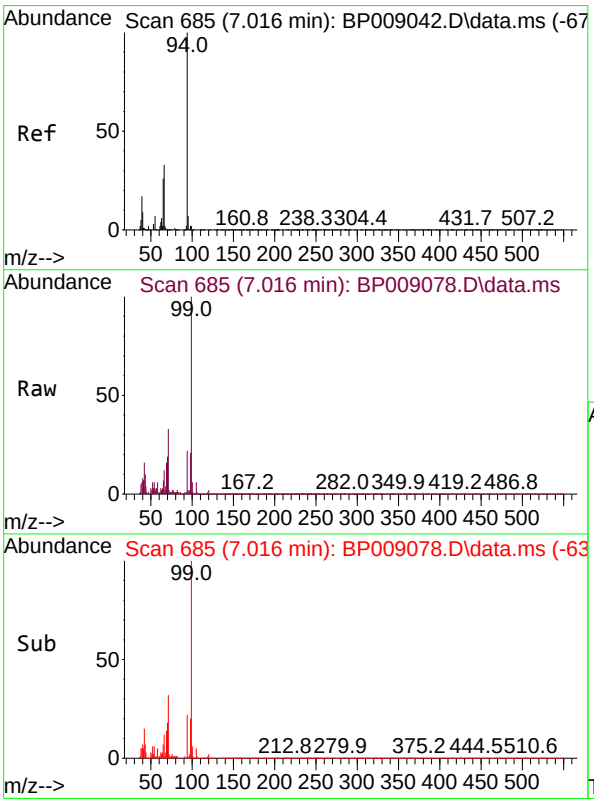
#7
Phenol-d6
Concen: 100.451 ng
RT: 6.993 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion: 99 Resp: 1786968

Ion	Ratio	Lower	Upper
99	100		
42	14.7	10.8	16.2
71	33.1	23.8	35.6

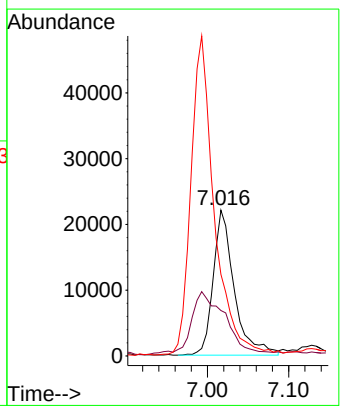


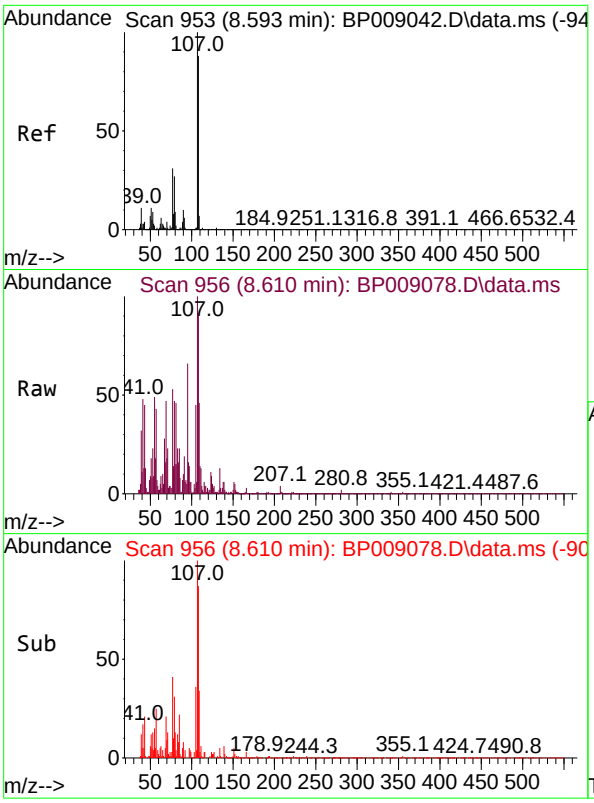


#10
Phenol
Concen: 2.231 ng
RT: 7.016 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion: 94 Resp: 39904

Ion	Ratio	Lower	Upper
94	100		
65	31.2	4.1	44.1
66	56.1	12.4	52.4#



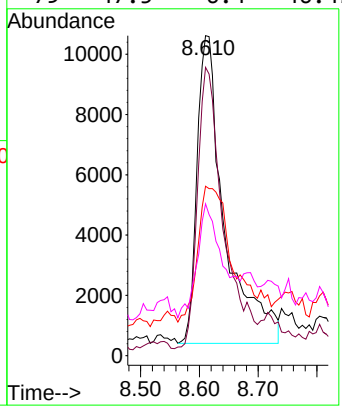


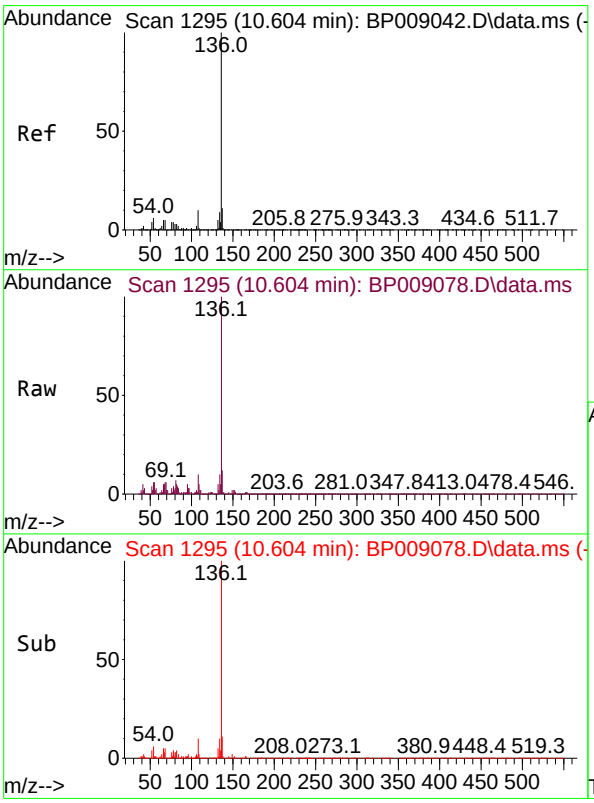
#20
3+4-Methylphenols
Concen: 2.032 ng
RT: 8.610 min Scan# 9
Delta R.T. 0.018 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:107 Resp: 33345

Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.8	109.8
77	52.9	10.4	50.4#
79	47.5	6.4	46.4#

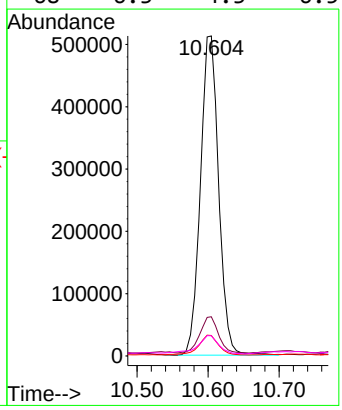


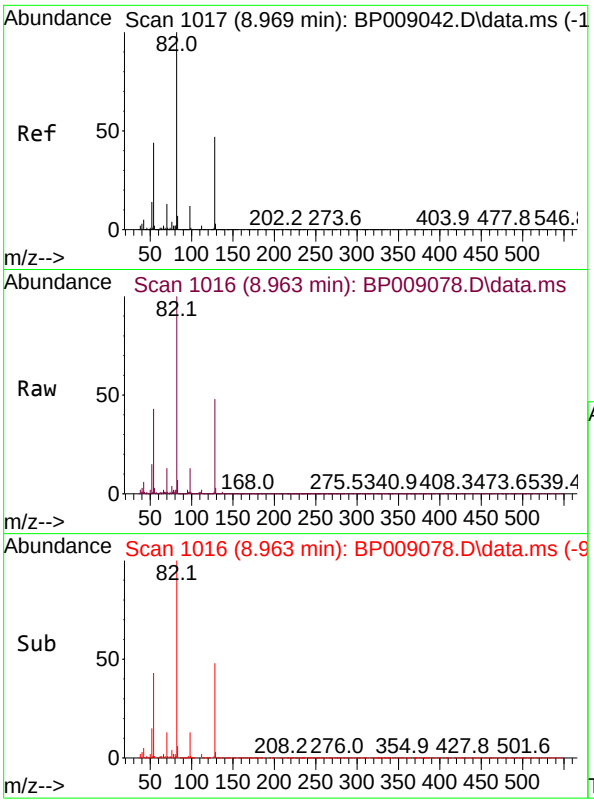


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:136 Resp: 917434

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.0	13.4
54	6.4	4.9	7.3
68	6.3	4.3	6.5



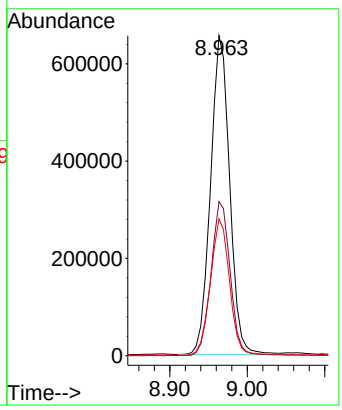


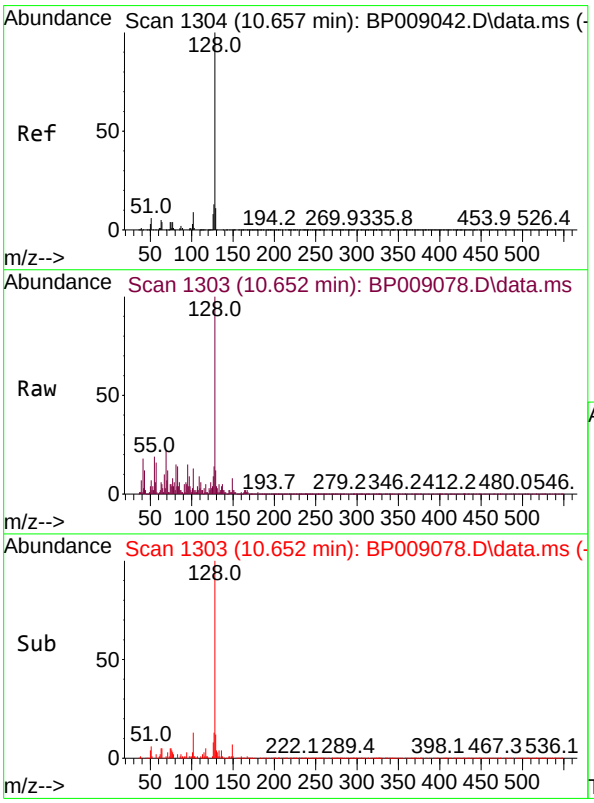
#23
Nitrobenzene-d5
Concen: 69.162 ng
RT: 8.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion: 82 Resp: 1125154

Ion	Ratio	Lower	Upper
82	100		
128	48.2	39.4	59.2
54	42.8	32.6	48.8

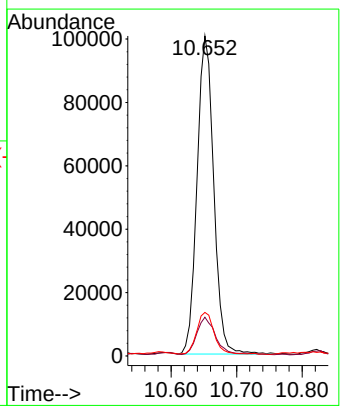


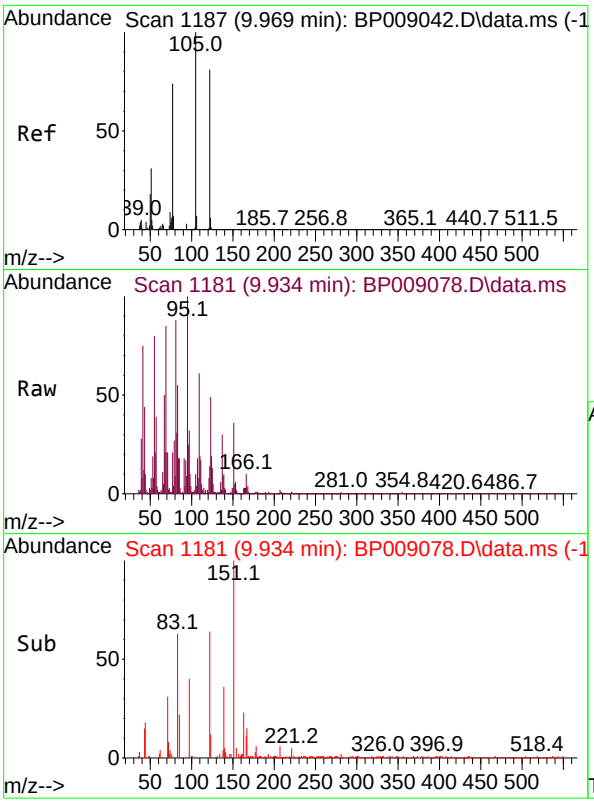


#31
Naphthalene
Concen: 3.802 ng
RT: 10.652 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:128 Resp: 177882

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.8	13.2
127	13.6	10.4	15.6



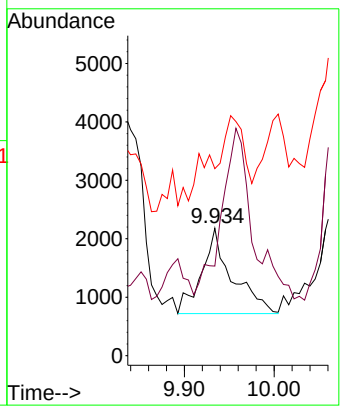


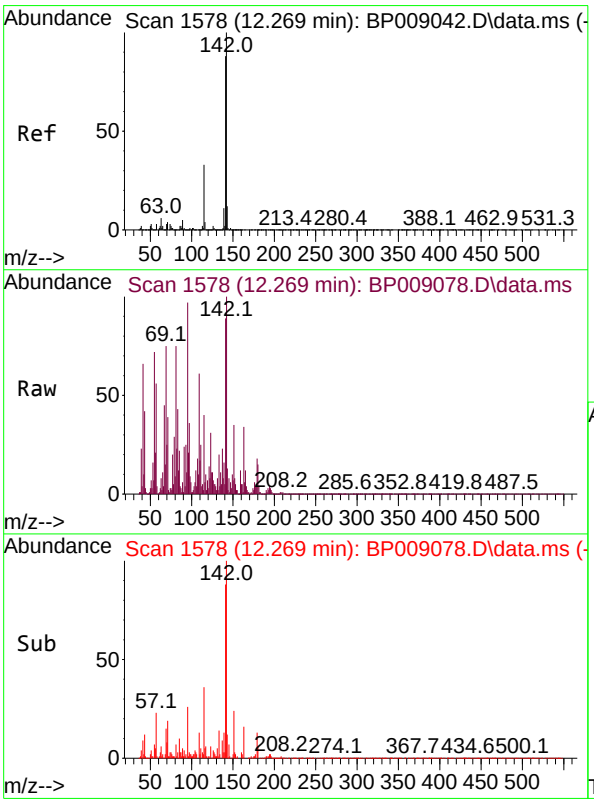
#32
Benzoic acid
Concen: 3.095 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:122 Resp: 3444

Ion	Ratio	Lower	Upper
122	100		
105	70.4	100.1	140.1#
77	146.7	65.5	105.5#

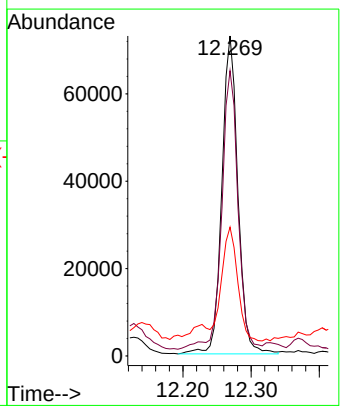


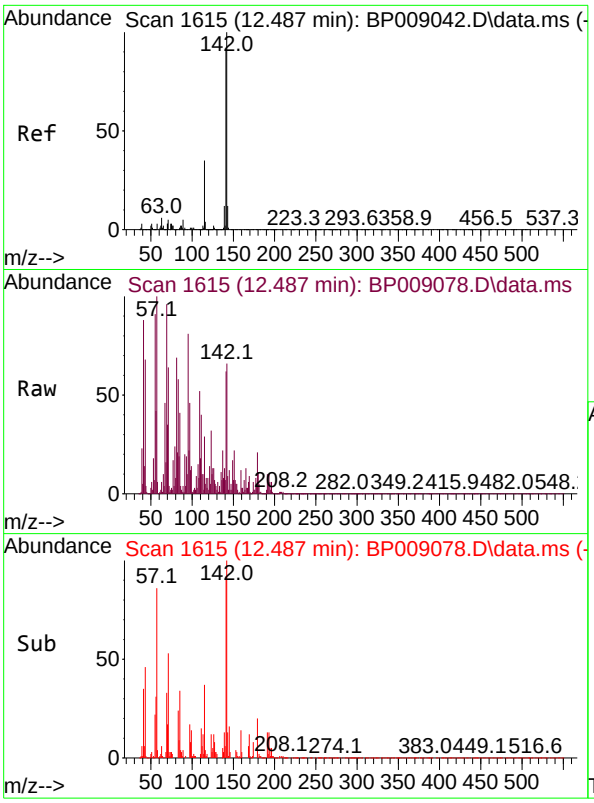


#37
2-Methylnaphthalene
Concen: 3.600 ng
RT: 12.269 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:142 Resp: 119194

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.5	105.7
115	40.2	24.6	36.8#



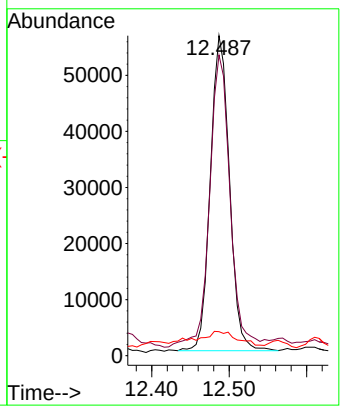


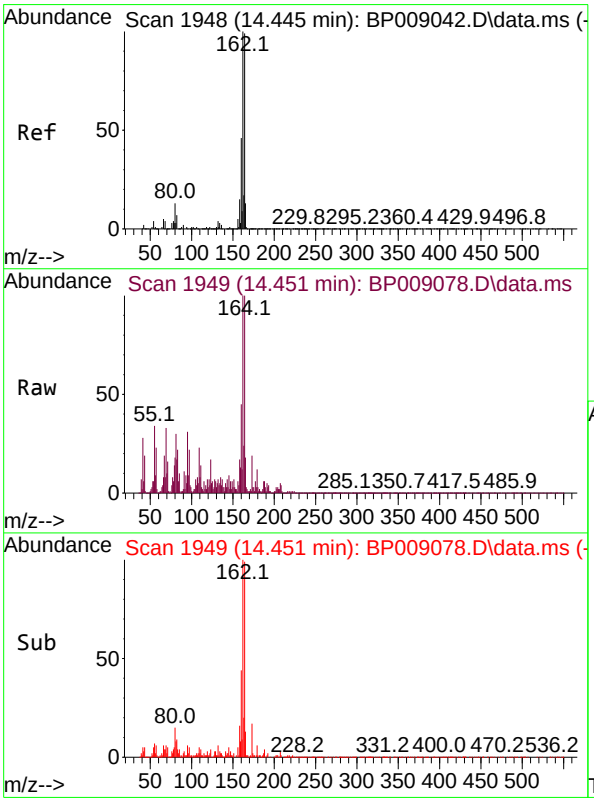
#38
1-Methylnaphthalene
Concen: 2.979 ng
RT: 12.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:142 Resp: 96380

Ion	Ratio	Lower	Upper
142	100		
141	94.0	73.2	109.8
116	7.5	2.7	4.1#

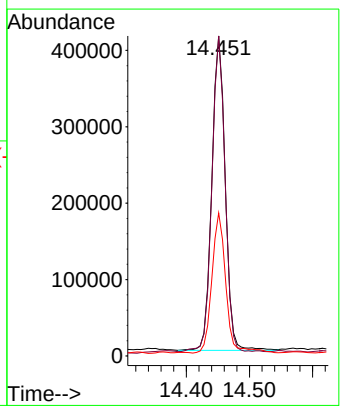


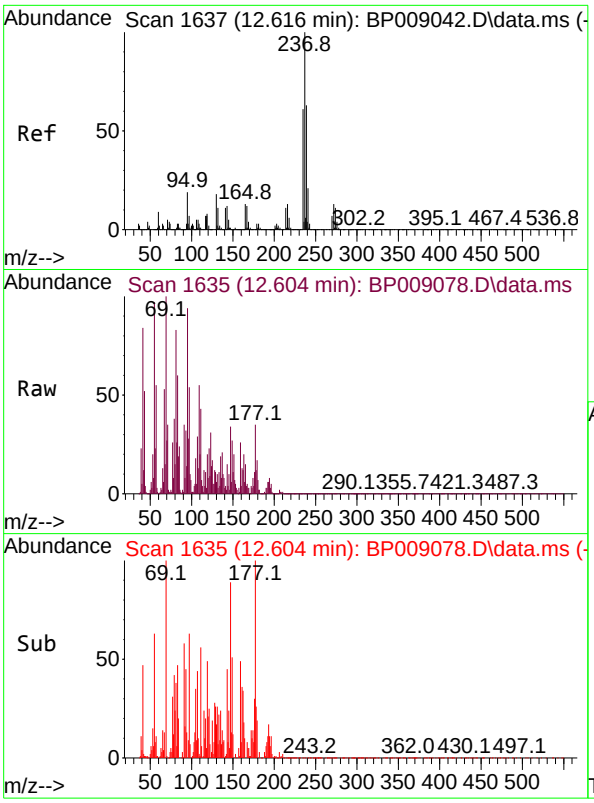


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:164 Resp: 607331

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.9	119.9
160	44.7	35.5	53.3



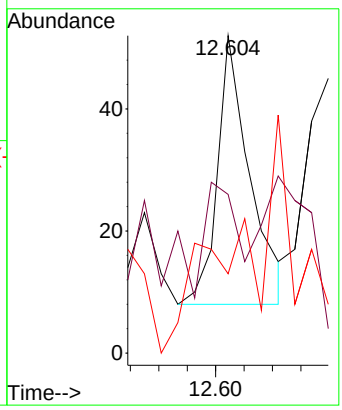


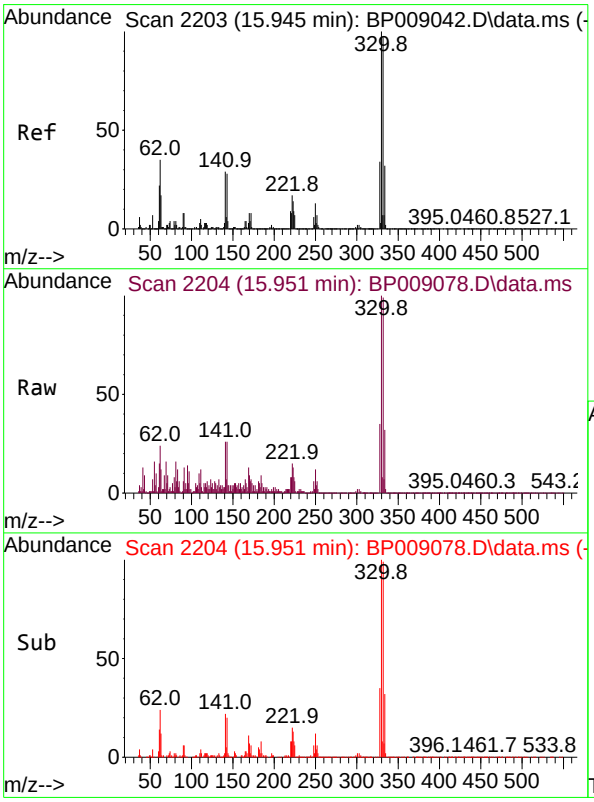
#41
Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:237 Resp: 35

Ion	Ratio	Lower	Upper
237	100		
235	50.0	42.9	82.9
272	25.0	0.0	33.8

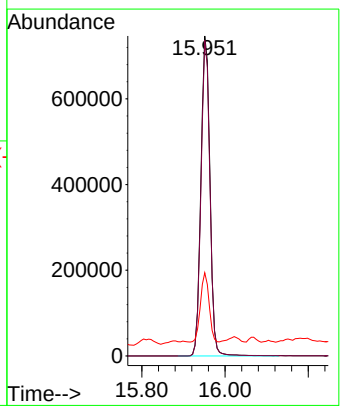


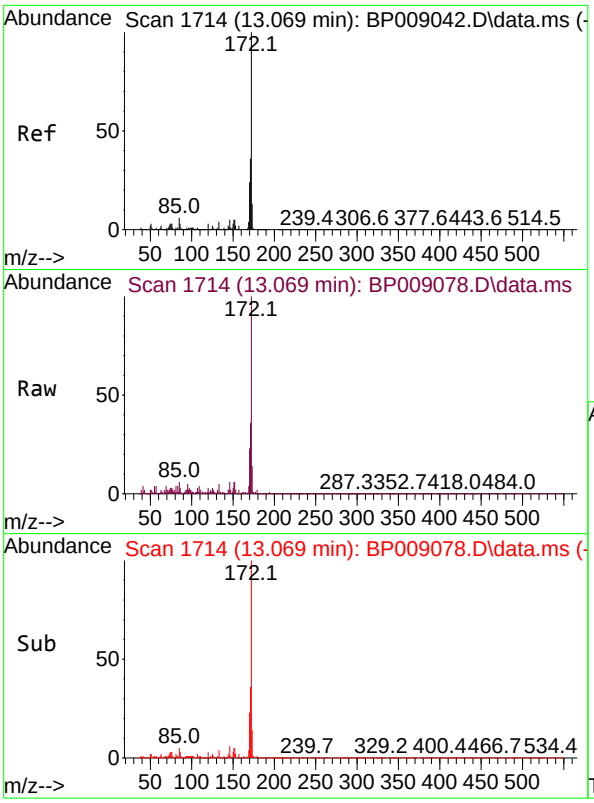


#42
2,4,6-Tribromophenol
Concen: 139.744 ng
RT: 15.951 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:330 Resp: 1133182

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.4
141	21.0	21.3	31.9#



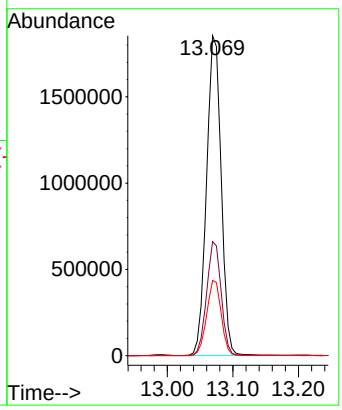


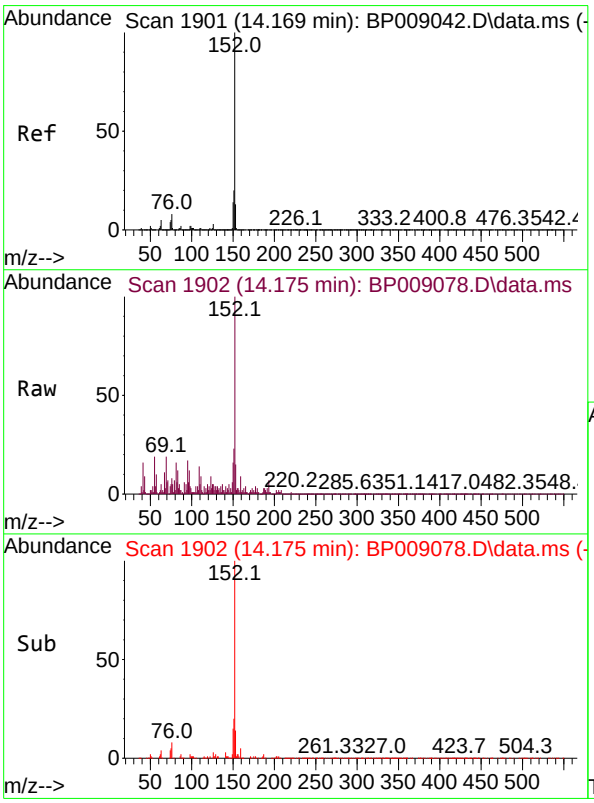
#45
2-Fluorobiphenyl
Concen: 66.487 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:172 Resp: 2884471

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	23.5	19.5	29.3

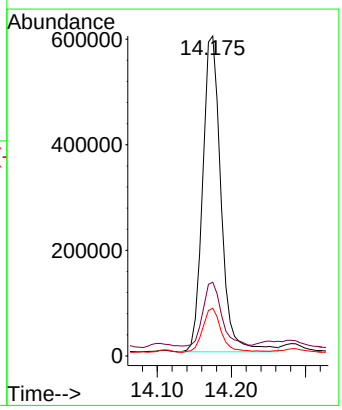


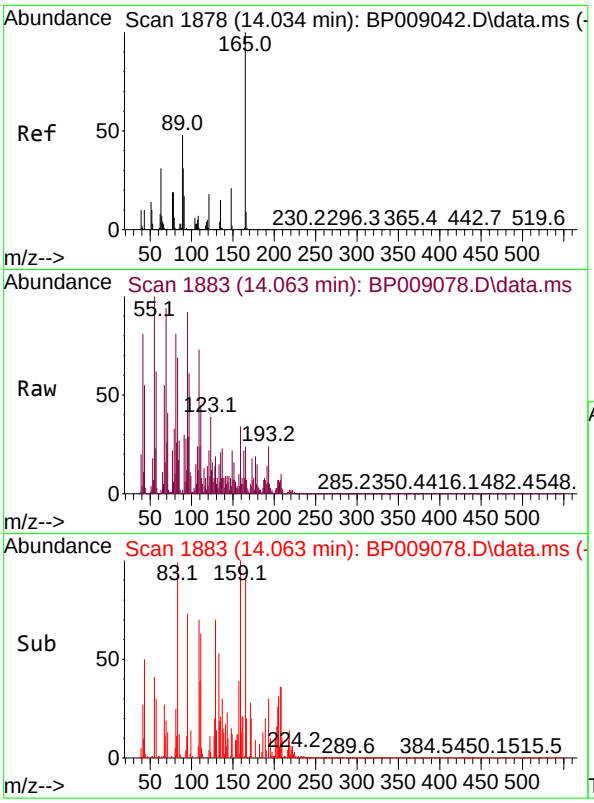


#49
Acenaphthylene
Concen: 19.211 ng
RT: 14.175 min Scan# 1902
Delta R.T. 0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:152 Resp: 1026958

Ion	Ratio	Lower	Upper
152	100		
151	23.1	16.1	24.1
153	14.9	10.6	16.0



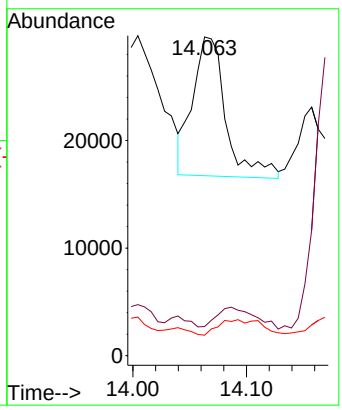


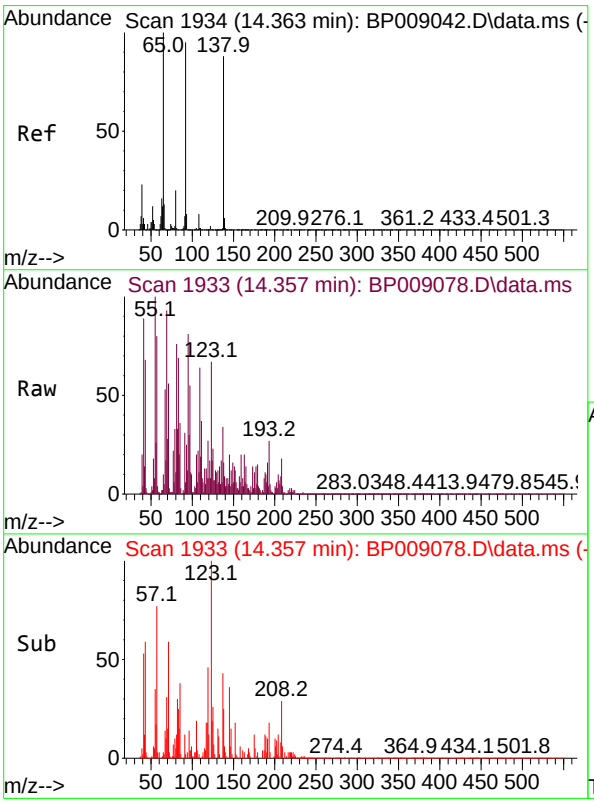
#51
2,6-Dinitrotoluene
Concen: 2.887 ng
RT: 14.063 min Scan# 1
Delta R.T. 0.029 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:165 Resp: 26066

Ion	Ratio	Lower	Upper
165	100		
63	9.1	31.8	47.8#
89	6.4	36.1	54.1#

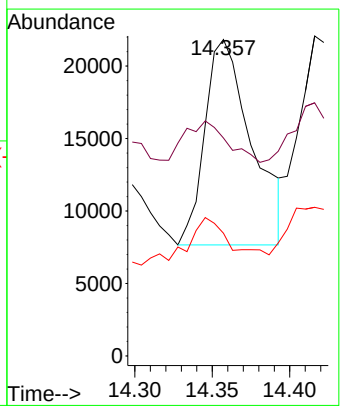


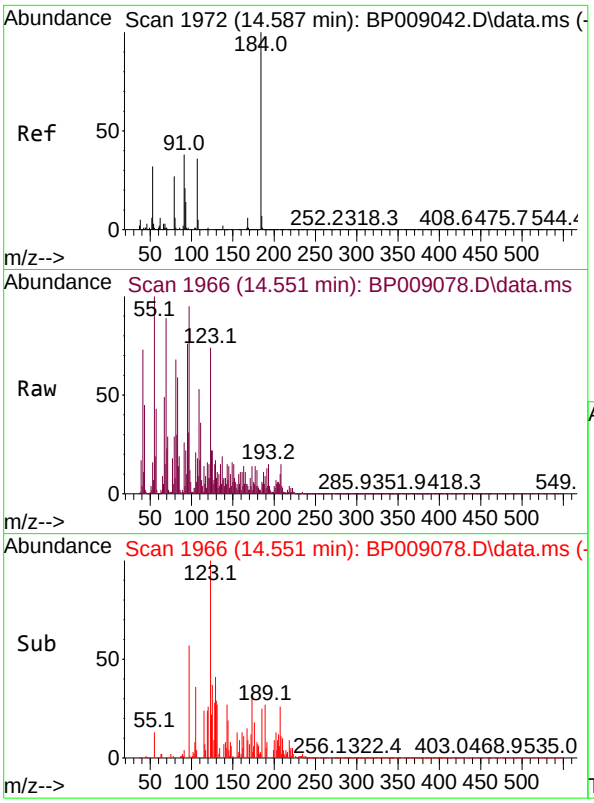


#53
3-Nitroaniline
Concen: 3.209 ng
RT: 14.357 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:138 Resp: 29632

Ion	Ratio	Lower	Upper
138	100		
108	68.8	8.0	12.0#
92	38.8	81.7	122.5#



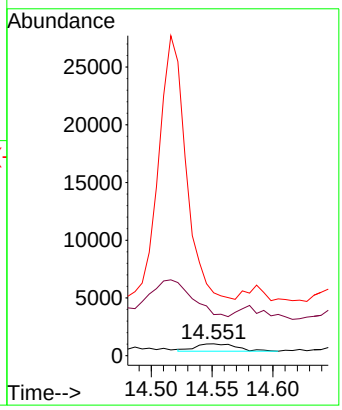


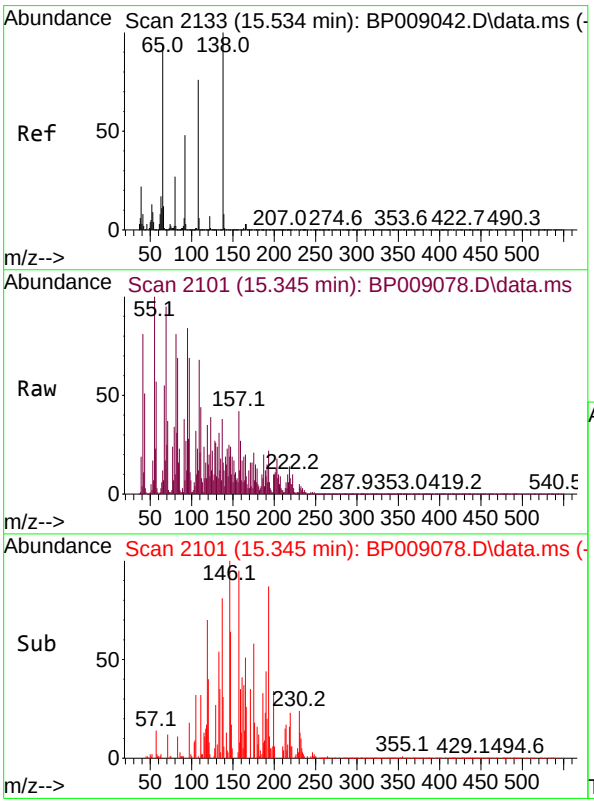
#54
2,4-Dinitrophenol
Concen: 2.559 ng
RT: 14.551 min Scan# 1
Delta R.T. -0.036 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:184 Resp: 1493

Ion	Ratio	Lower	Upper
184	100		
63	347.1	35.6	53.4#
154	530.5	43.4	65.0#

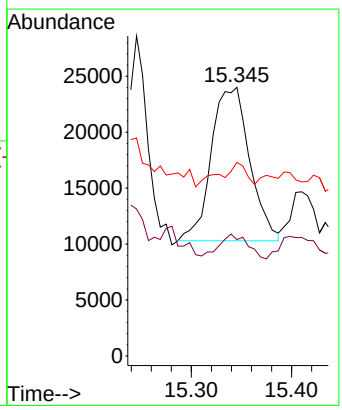


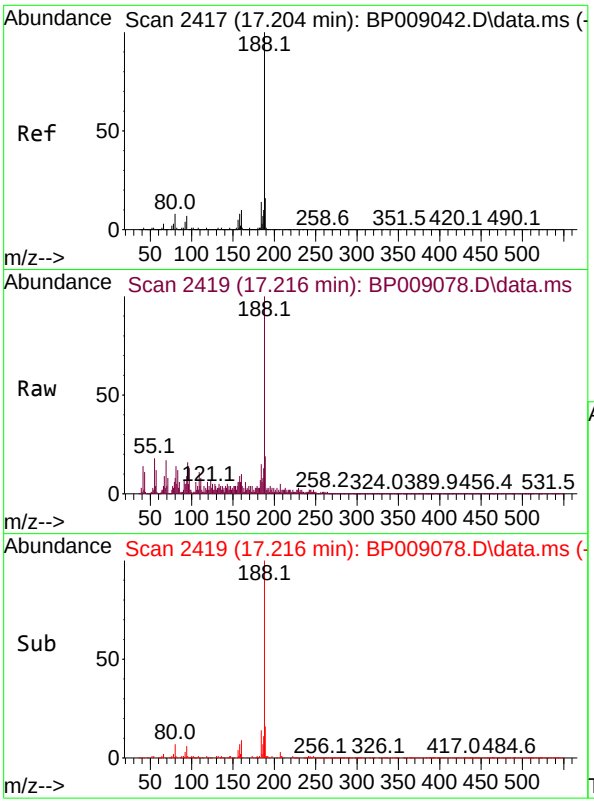


#62
4-Nitroaniline
Concen: 3.935 ng
RT: 15.345 min Scan# 2101
Delta R.T. -0.188 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:138 Resp: 36536

Ion	Ratio	Lower	Upper
138	100		
92	43.3	24.3	64.3
108	72.0	44.8	84.8



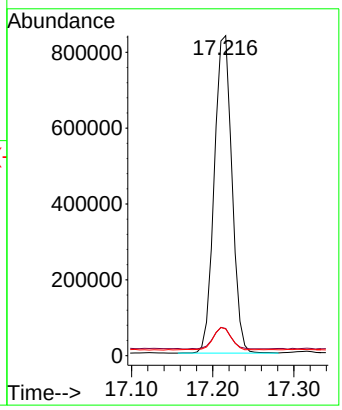


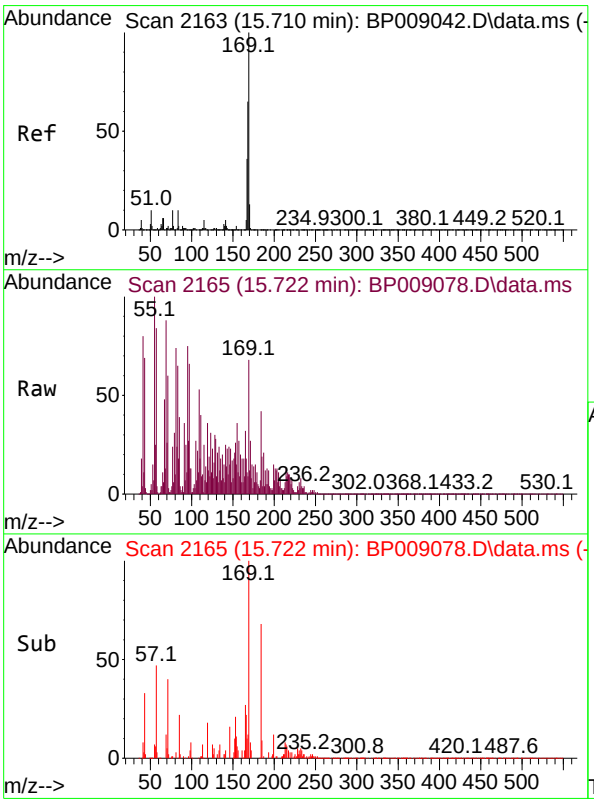
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:188 Resp: 1269393

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	8.3	7.2	10.8

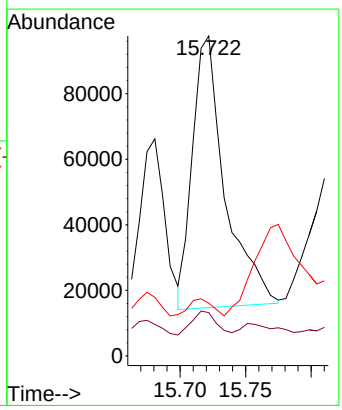


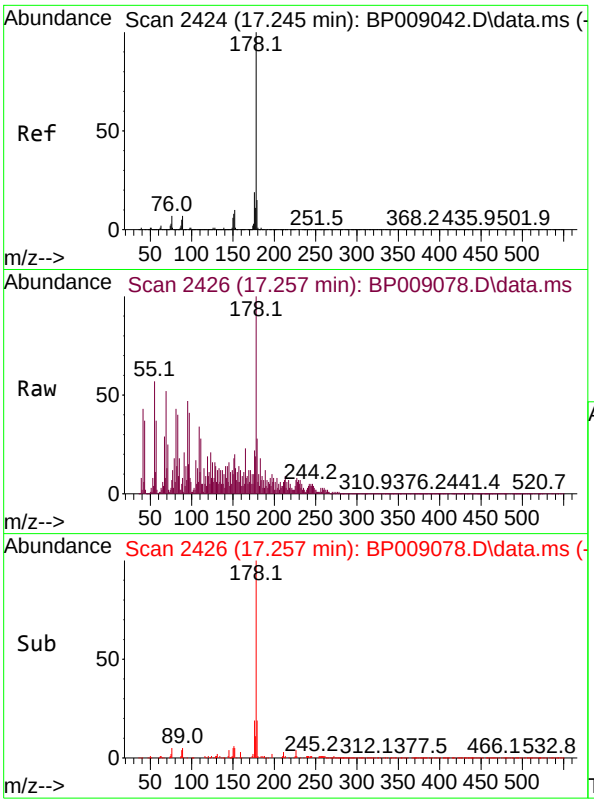


#66
n-Nitrosodiphenylamine
Concen: 3.726 ng
RT: 15.722 min Scan# 2165
Delta R.T. 0.012 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:169 Resp: 143429

Ion	Ratio	Lower	Upper
169	100		
168	13.6	53.3	79.9#
167	16.5	29.0	43.6#



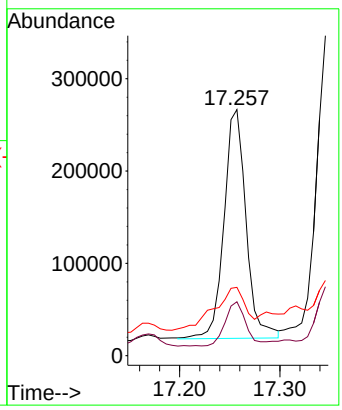


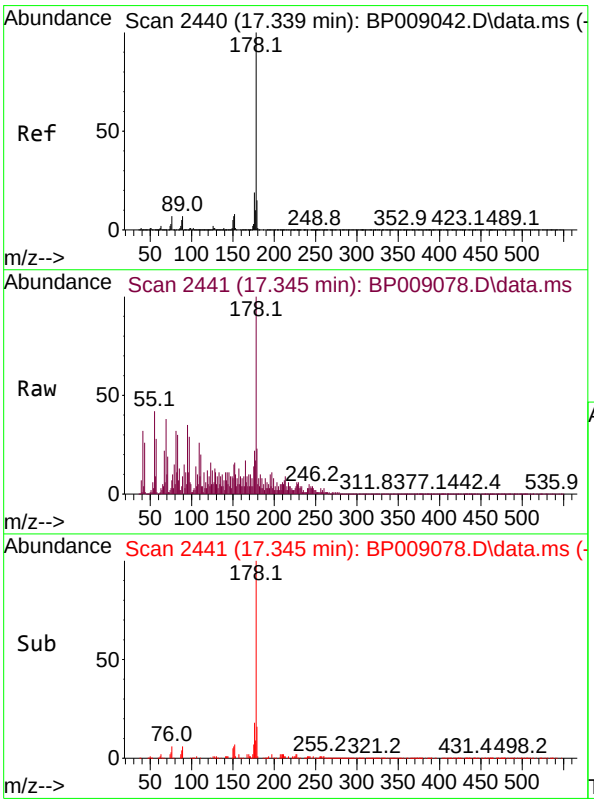
#71
Phenanthrene
Concen: 5.505 ng
RT: 17.257 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:178 Resp: 378412

Ion	Ratio	Lower	Upper
178	100		
176	21.9	16.0	24.0
179	27.8	13.0	19.4#

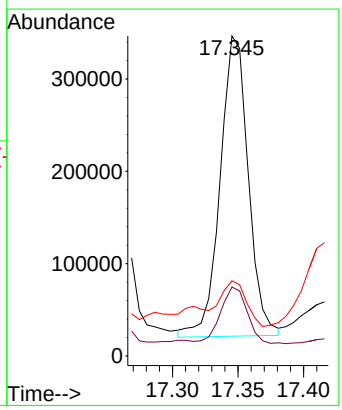


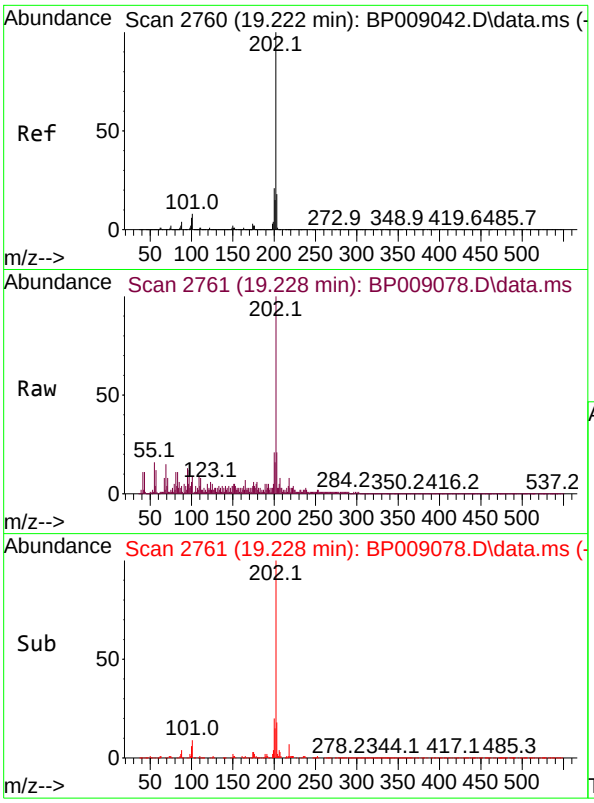


#72
Anthracene
Concen: 7.237 ng
RT: 17.345 min Scan# 2441
Delta R.T. 0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:178 Resp: 486669

Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.1	22.7
179	23.5	12.8	19.2#



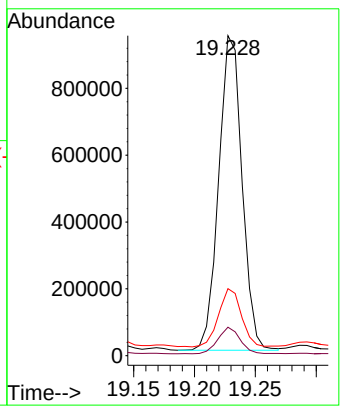


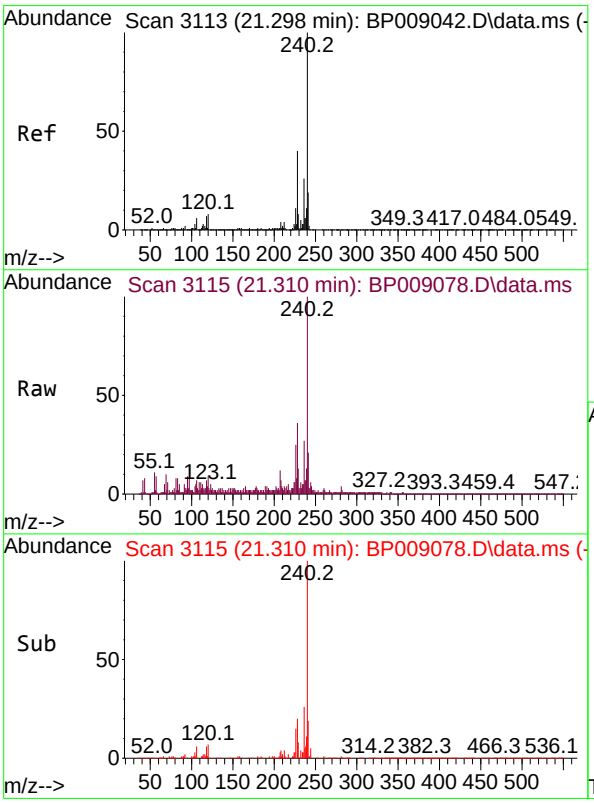
#75
Fluoranthene
Concen: 16.306 ng
RT: 19.228 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:202 Resp: 1256132

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.7
203	21.0	0.0	38.9

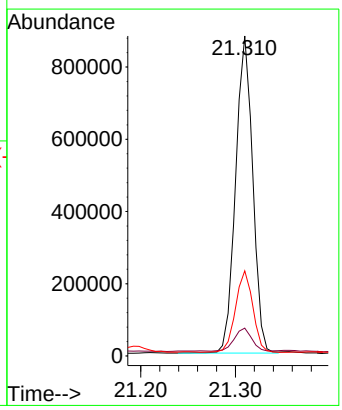


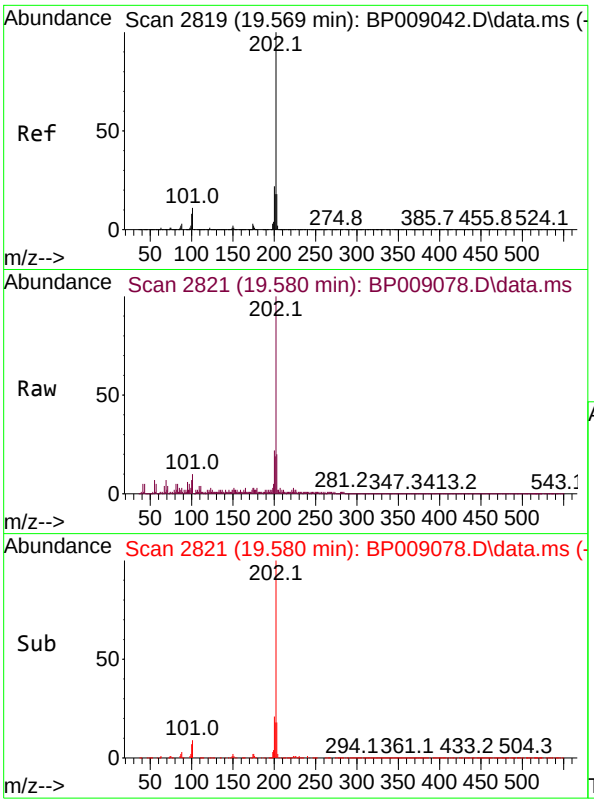


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.012 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:240 Resp: 1099606

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.7	11.5
236	26.6	21.2	31.8



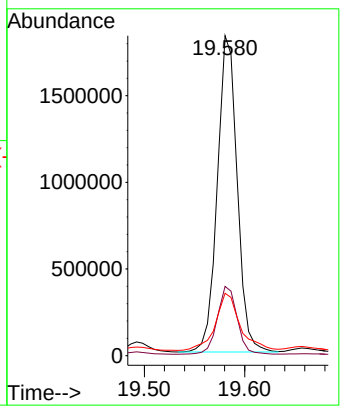


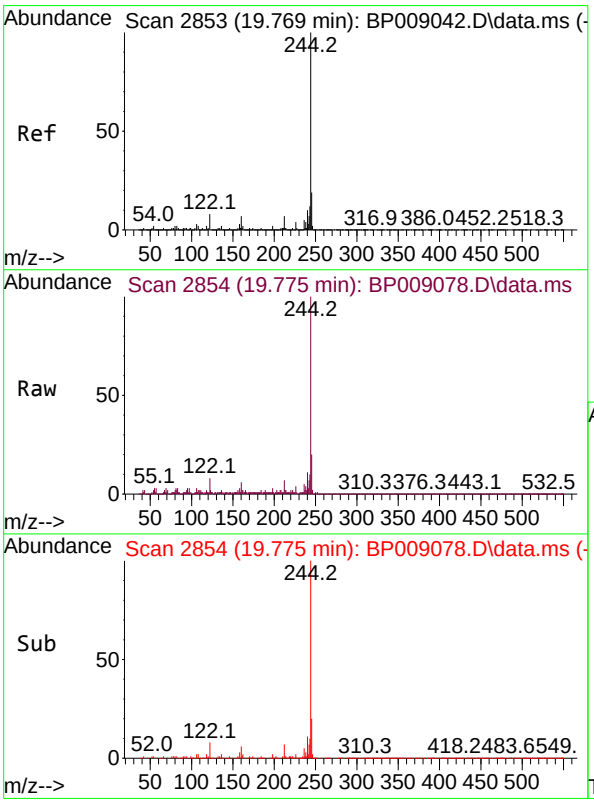
#78
Pyrene
Concen: 32.046 ng
RT: 19.580 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:202 Resp: 2506679

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.0	27.0
203	19.5	15.0	22.6

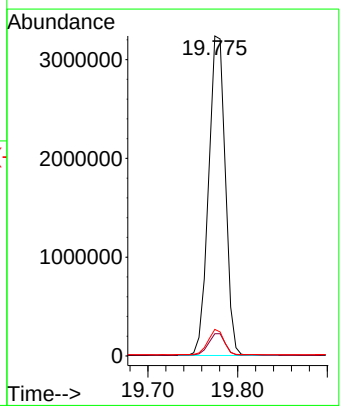


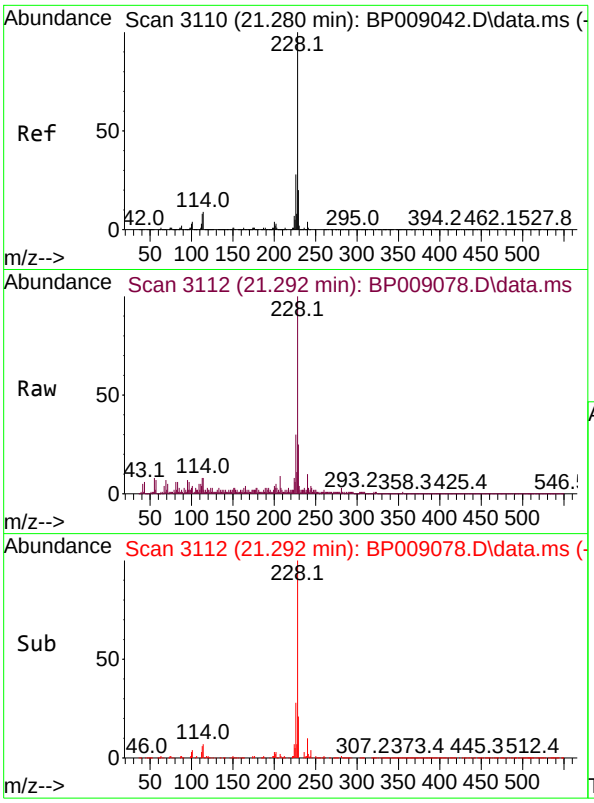


#79
Terphenyl-d14
Concen: 68.438 ng
RT: 19.775 min Scan# 2854
Delta R.T. 0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:244 Resp: 4184685

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	8.3	9.2	13.8#



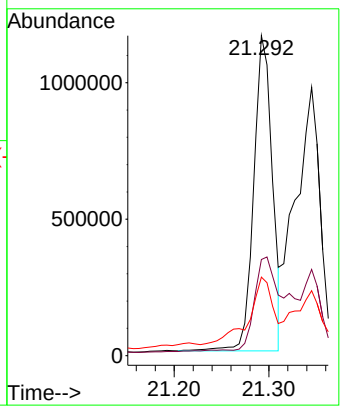


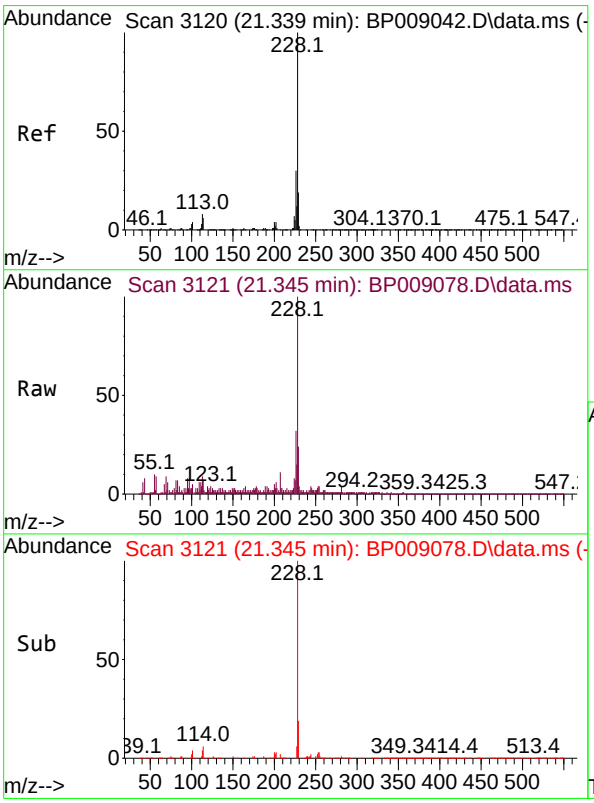
#81
Benzo(a)anthracene
Concen: 22.270 ng
RT: 21.292 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:228 Resp: 1578065

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.3	34.9
229	24.6	17.0	25.6

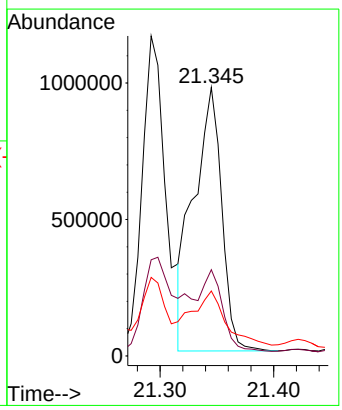


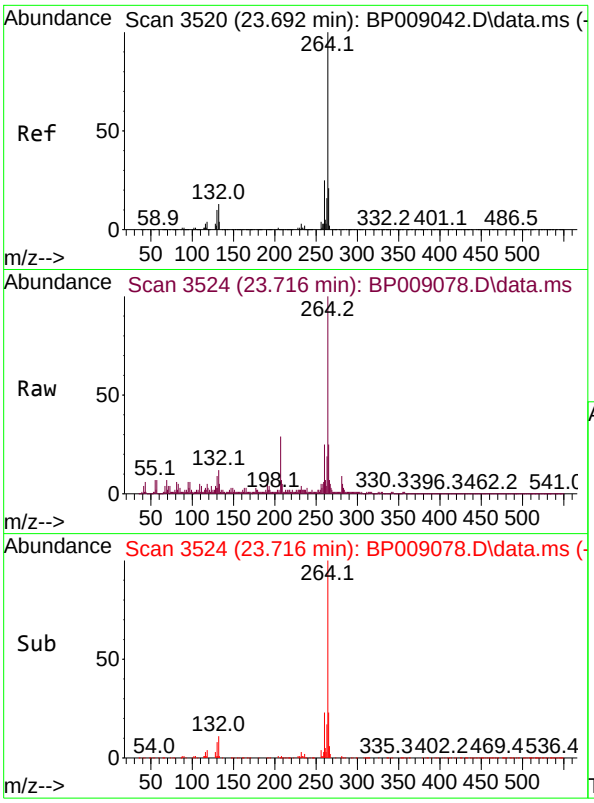


#83
Chrysene
Concen: 24.341 ng
RT: 21.345 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:228 Resp: 1662776

Ion	Ratio	Lower	Upper
228	100		
226	32.2	26.0	39.0
229	24.2	16.9	25.3



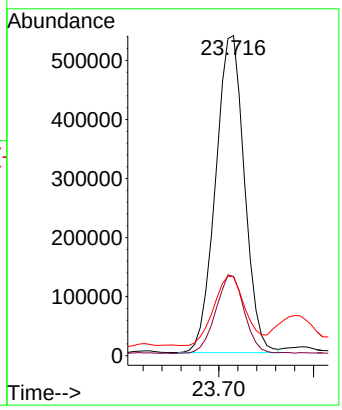


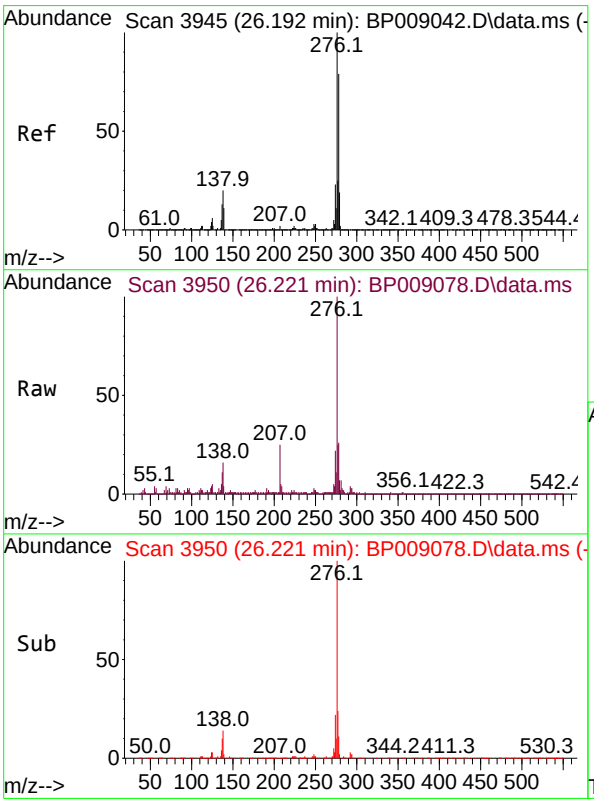
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.716 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:264 Resp: 1135860

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.1	28.7
265	24.7	17.1	25.7

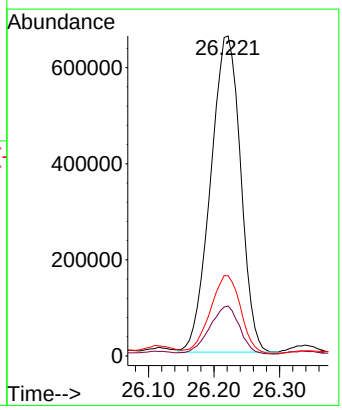


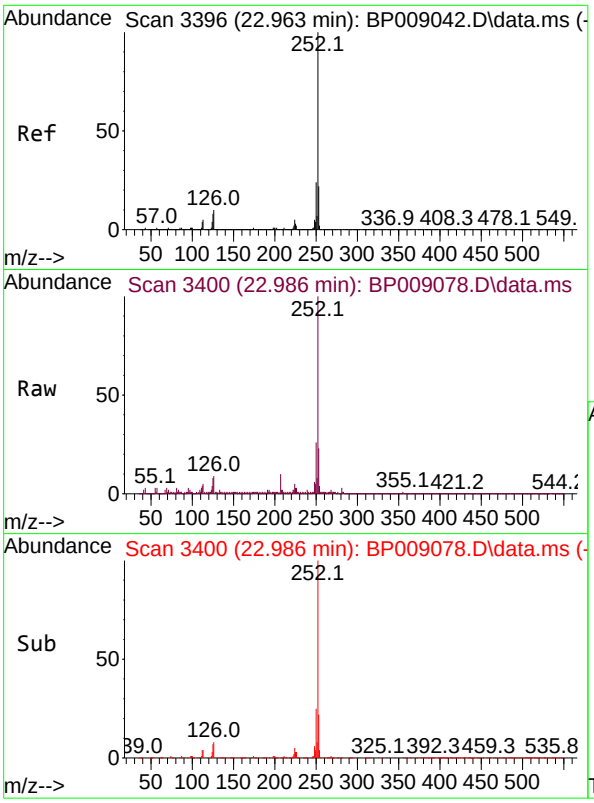


#87
Indeno(1,2,3-cd)pyrene
Concen: 24.779 ng
RT: 26.221 min Scan# 3950
Delta R.T. 0.029 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:276 Resp: 2091252

Ion	Ratio	Lower	Upper
276	100		
138	15.2	17.8	26.6#
277	25.1	20.4	30.6



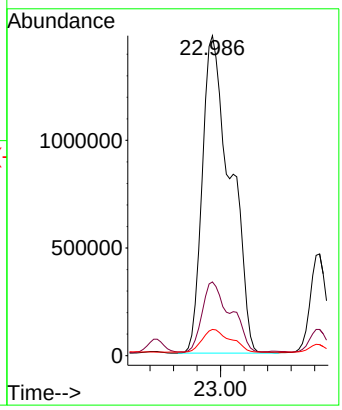


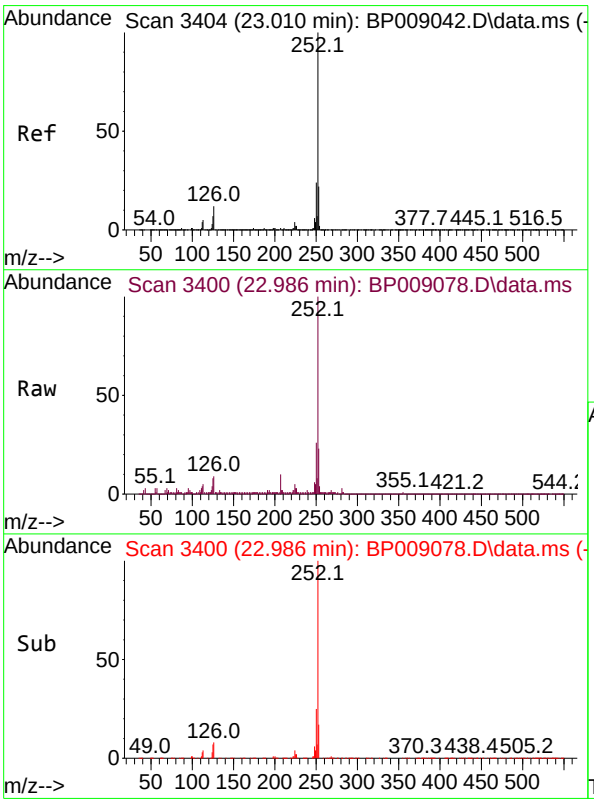
#88
Benzo(b)fluoranthene
Concen: 70.415 ng
RT: 22.986 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:252 Resp: 4923768

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	8.2	6.9	10.3

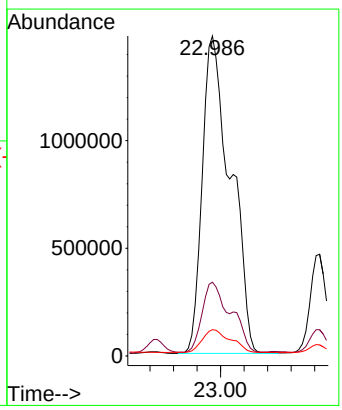


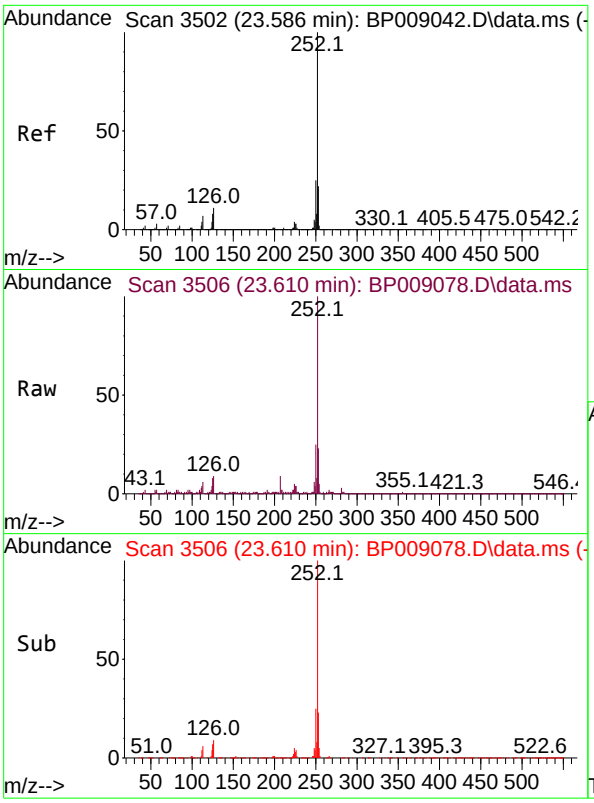


#89
Benzo(k)fluoranthene
Concen: 70.578 ng
RT: 22.986 min Scan# 3400
Delta R.T. -0.023 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:252 Resp: 4923768

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	8.2	7.3	10.9



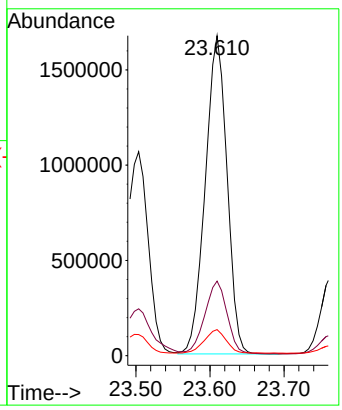


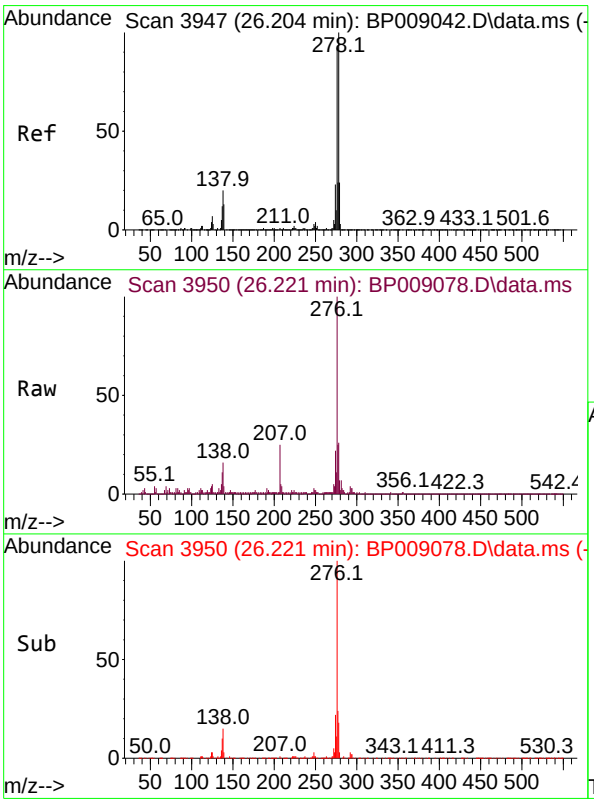
#90
Benzo(a)pyrene
Concen: 58.282 ng
RT: 23.610 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:252 Resp: 3397735

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	8.1	7.8	11.6

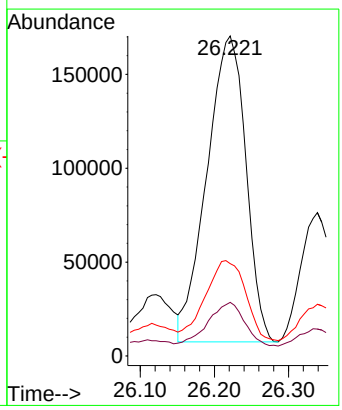


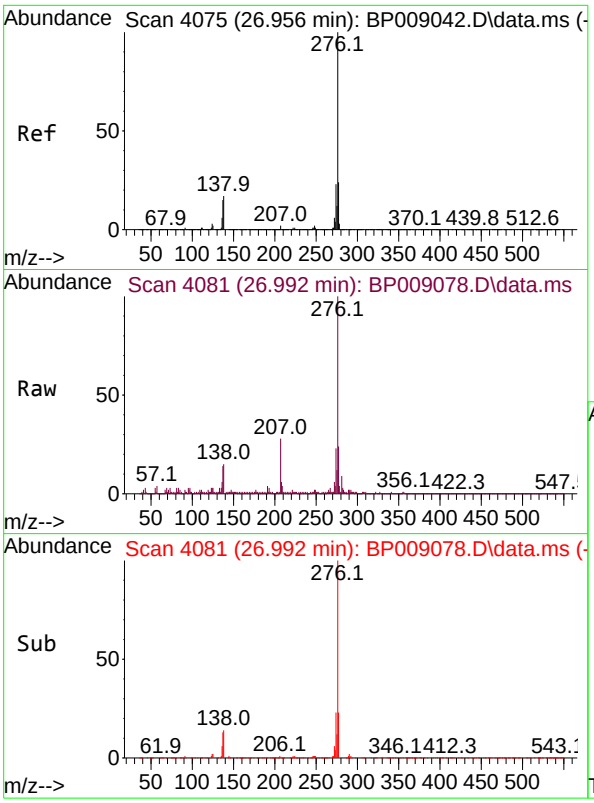


#91
Dibenzo(a,h)anthracene
Concen: 8.597 ng
RT: 26.221 min Scan# 3950
Delta R.T. 0.018 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:278 Resp: 596266

Ion	Ratio	Lower	Upper
278	100		
139	16.8	11.5	17.3
279	28.9	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 28.602 ng
RT: 26.992 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:276 Resp: 1975116

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	15.1	15.0	22.4