Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 09 00:27:57 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

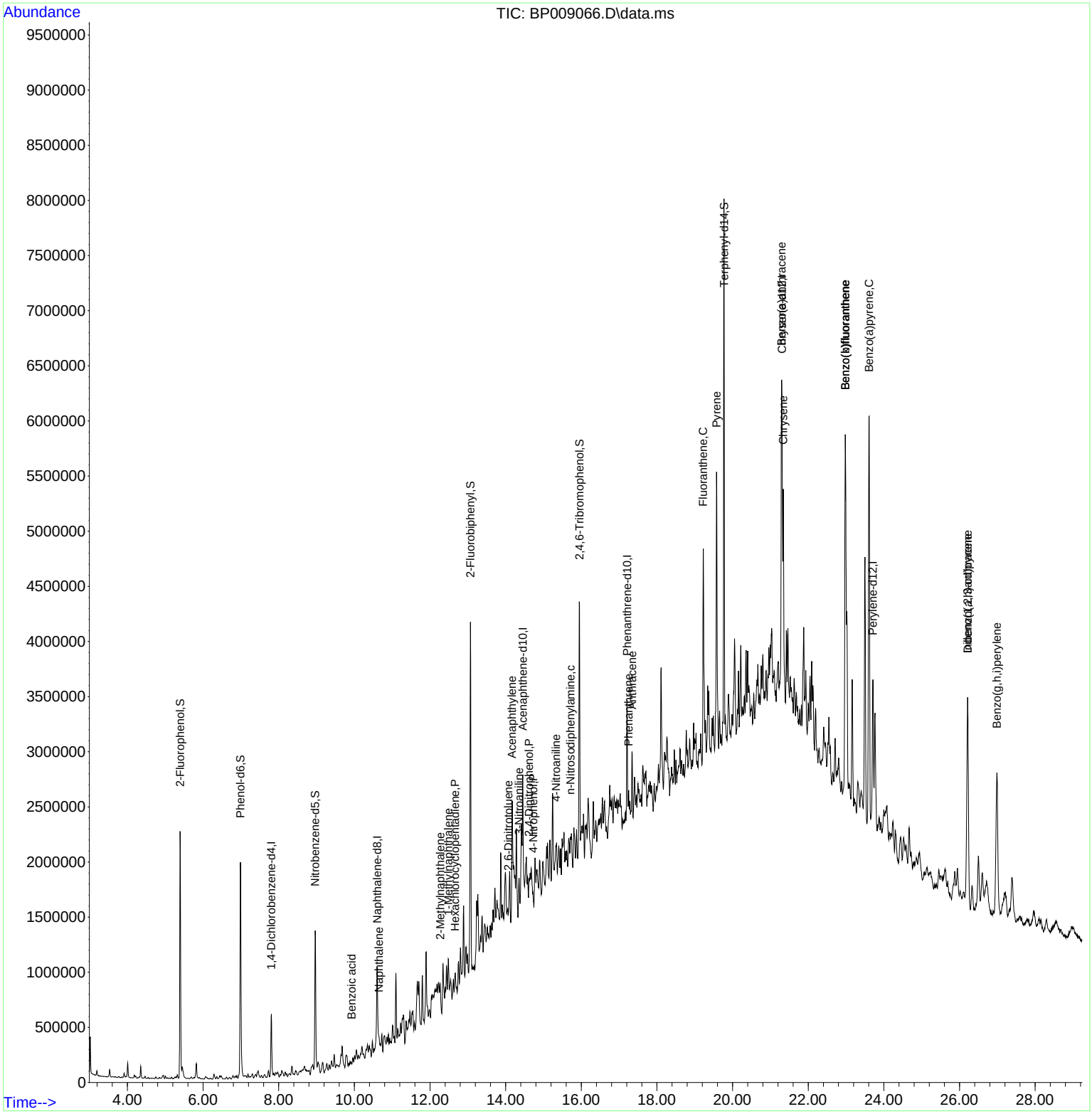
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	176635	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	593644	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	330153	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	649170	20.000	ng		0.00
76) Chrysene-d12	21.304	240	854433	20.000	ng		0.00
86) Perylene-d12	23.710	264	1056669	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1079772	109.044	ng		0.00
7) Phenol-d6	6.987	99	1285812	98.547	ng		0.00
23) Nitrobenzene-d5	8.963	82	794228	75.448	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	532838	120.876	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	1692328	71.757	ng		0.00
79) Terphenyl-d14	19.775	244	2490197	52.411	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.652	128	113642	3.753	ng		98
32) Benzoic acid	9.928	122	2166	3.084	ng	#	39
37) 2-Methylnaphthalene	12.269	142	71125	3.320	ng	#	92
38) 1-Methylnaphthalene	12.487	142	57405	2.742	ng	#	97
41) Hexachlorocyclopentadiene	12.657	237	30	8.663	ng		98
49) Acenaphthylene	14.169	152	846123	29.117	ng		97
51) 2,6-Dinitrotoluene	14.069	165	12696	2.587	ng	#	51
53) 3-Nitroaniline	14.357	138	13915	2.772	ng	#	27
54) 2,4-Dinitrophenol	14.616	184	146	2.237	ng	#	1
56) 4-Nitrophenol	14.728	139	2043	2.209	ng	#	1
62) 4-Nitroaniline	15.334	138	20856	4.132	ng		97
66) n-Nitrosodiphenylamine	15.716	169	72514	3.683	ng	#	49
71) Phenanthrene	17.251	178	198016	5.633	ng	#	87
72) Anthracene	17.345	178	423574	12.317	ng	#	95
75) Fluoranthene	19.222	202	737674	18.724	ng		97
78) Pyrene	19.575	202	1572477	25.871	ng		99
81) Benzo(a)anthracene	21.292	228	1360802	24.714	ng		94
83) Chrysene	21.339	228	1363332	25.684	ng		96
87) Indeno(1,2,3-cd)pyrene	26.215	276	1995609	25.418	ng	#	94
88) Benzo(b)fluoranthene	22.980	252	4495366	69.106	ng		99
89) Benzo(k)fluoranthene	22.980	252	4495366	69.267	ng		99
90) Benzo(a)pyrene	23.610	252	3196605	58.941	ng		98
91) Dibenzo(a,h)anthracene	26.215	278	558172	8.651	ng	#	90
92) Benzo(g,h,i)perylene	26.986	276	1888578	29.398	ng		97

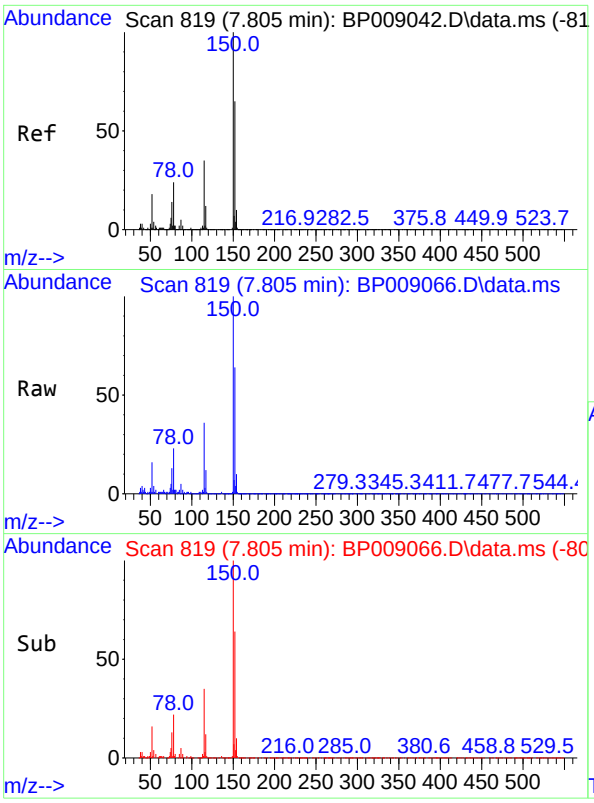
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 09 00:27:57 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



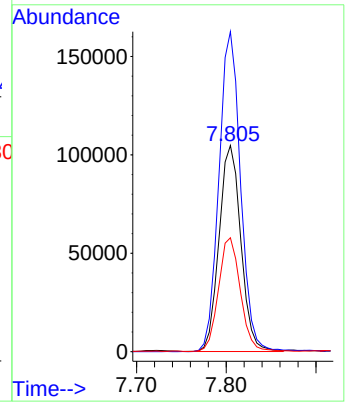


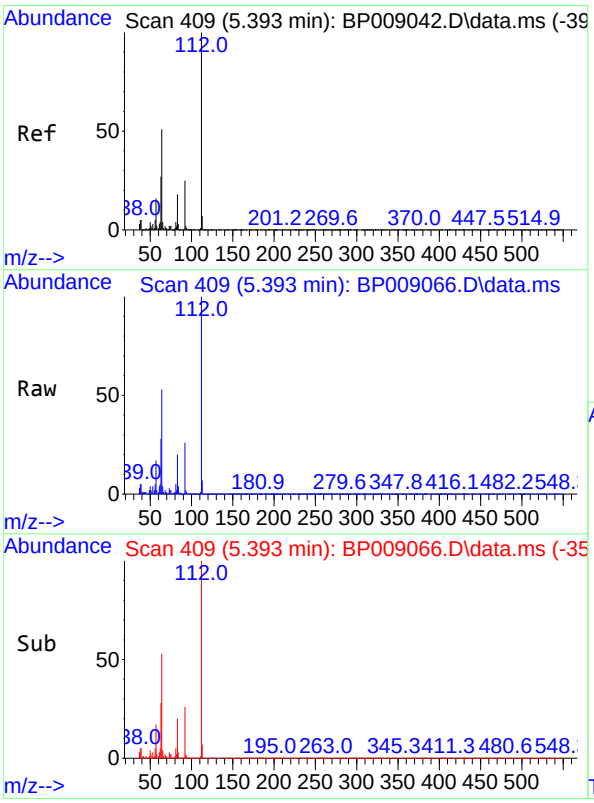
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:152 Resp: 176635

Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.0	190.6
115	55.3	43.7	65.5

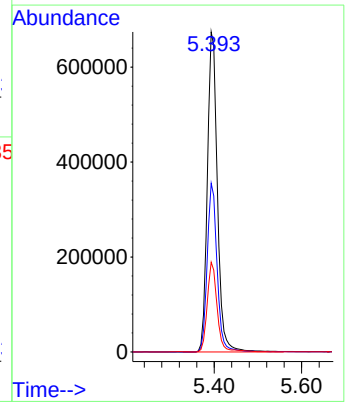


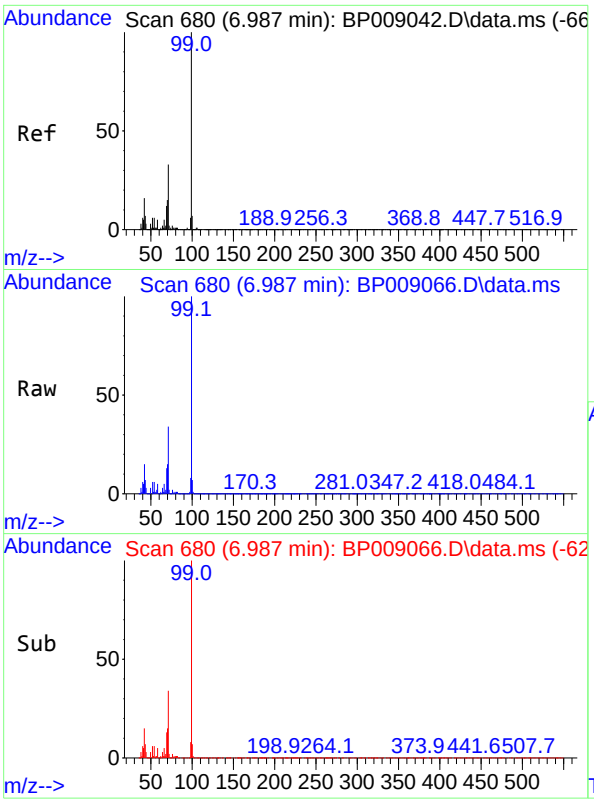


#5
2-Fluorophenol
Concen: 109.044 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:112 Resp: 1079772

Ion	Ratio	Lower	Upper
112	100		
64	52.7	39.7	59.5
63	28.0	20.0	30.0



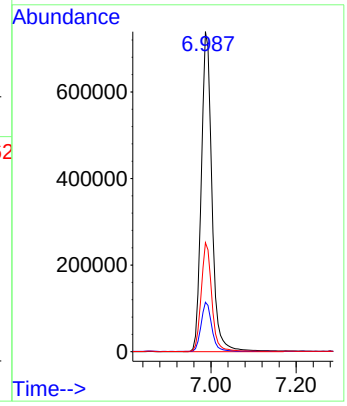


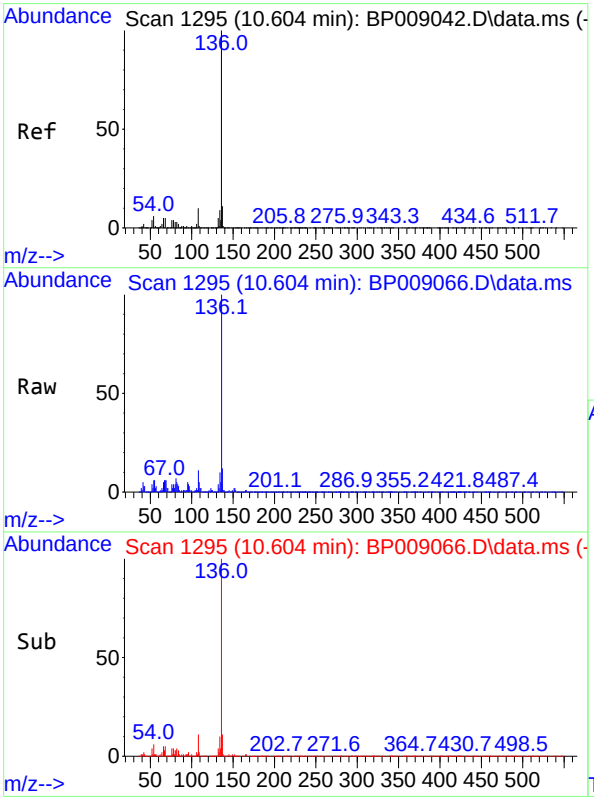
#7
Phenol-d6
Concen: 98.547 ng
RT: 6.987 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion: 99 Resp: 1285812

Ion	Ratio	Lower	Upper
99	100		
42	15.4	10.8	16.2
71	34.1	23.8	35.6

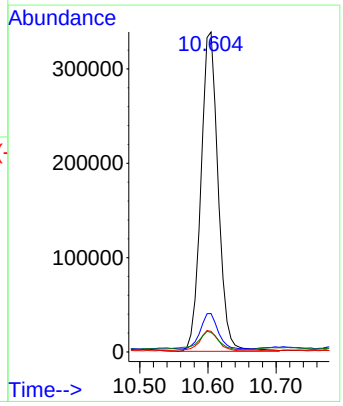


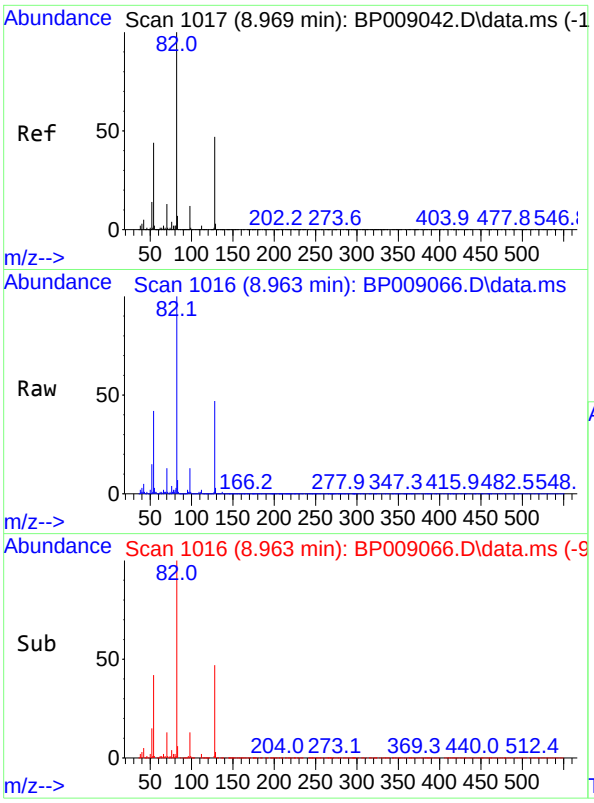


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:136 Resp: 593644

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.4
54	6.5	4.9	7.3
68	6.1	4.3	6.5



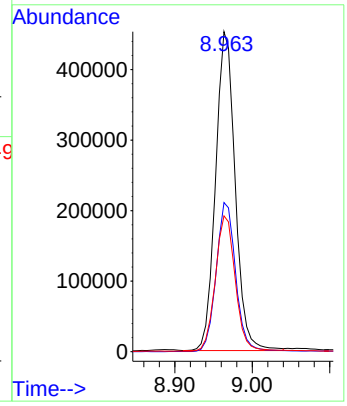


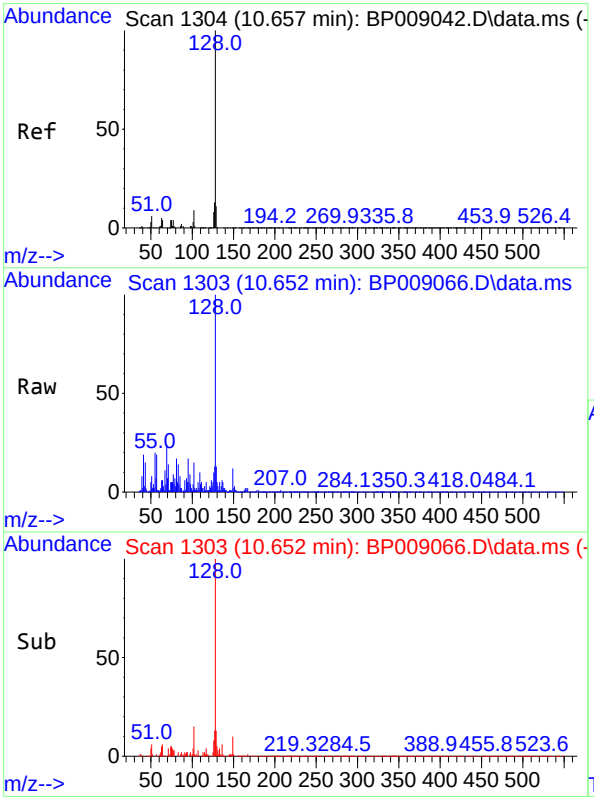
#23
Nitrobenzene-d5
Concen: 75.448 ng
RT: 8.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion: 82 Resp: 794228

Ion	Ratio	Lower	Upper
82	100		
128	46.6	39.4	59.2
54	42.4	32.6	48.8

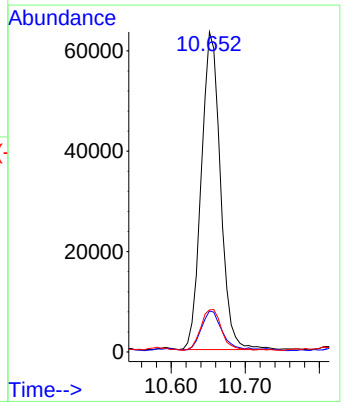


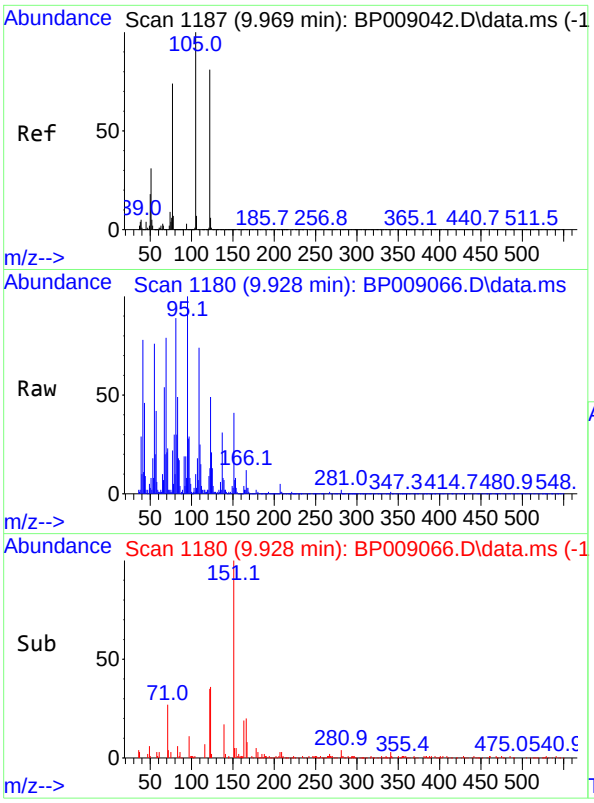


#31
Naphthalene
Concen: 3.753 ng
RT: 10.652 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:128 Resp: 113642

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.8	13.2
127	13.1	10.4	15.6



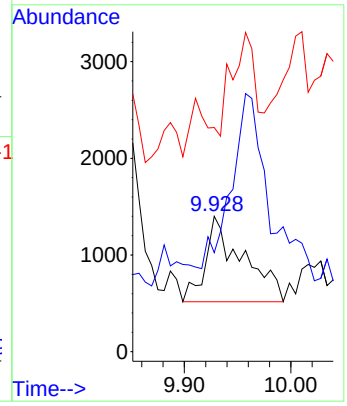


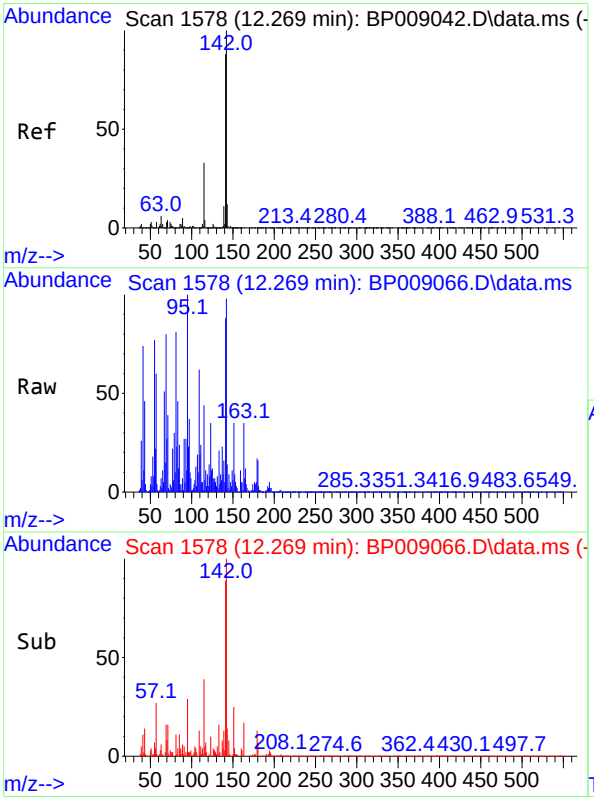
#32
Benzoic acid
Concen: 3.084 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.041 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:122 Resp: 2166

Ion	Ratio	Lower	Upper
122	100		
105	73.1	100.1	140.1#
77	165.5	65.5	105.5#

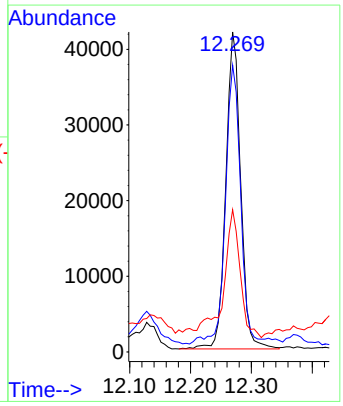


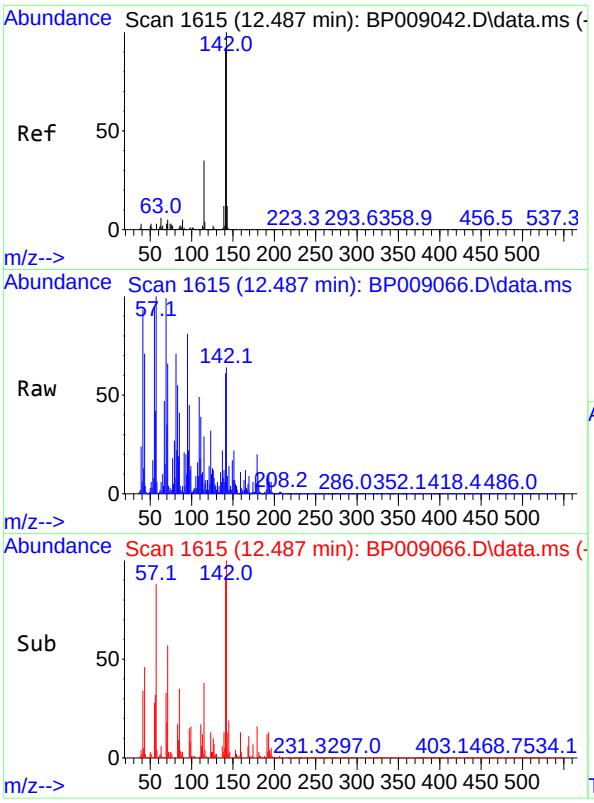


#37
2-Methylnaphthalene
Concen: 3.320 ng
RT: 12.269 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:142 Resp: 71125

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.5	105.7
115	44.4	24.6	36.8#



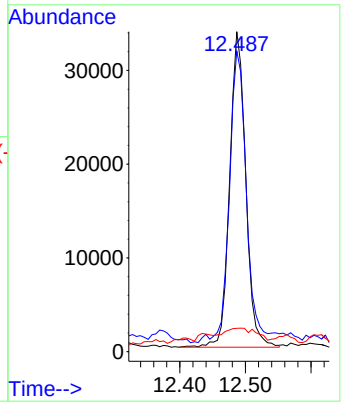


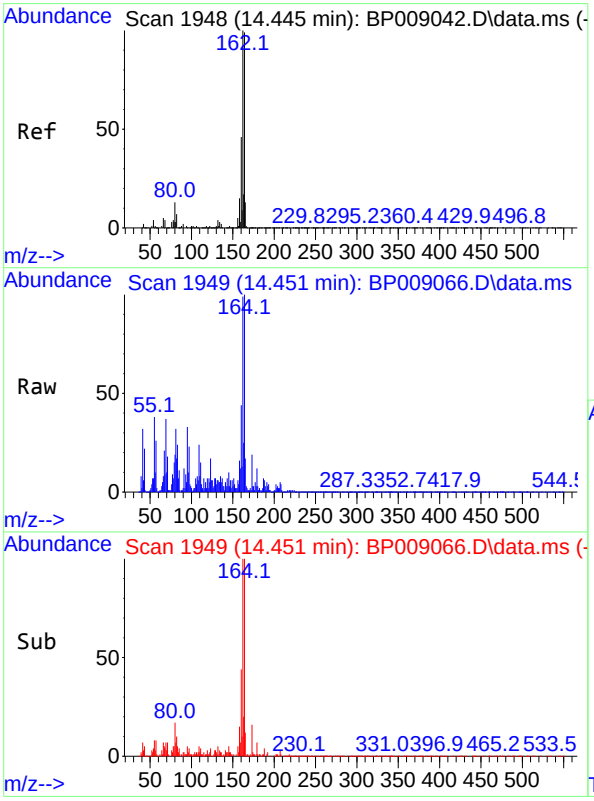
#38
1-Methylnaphthalene
Concen: 2.742 ng
RT: 12.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:142 Resp: 57405

Ion	Ratio	Lower	Upper
142	100		
141	94.0	73.2	109.8
116	7.3	2.7	4.1#

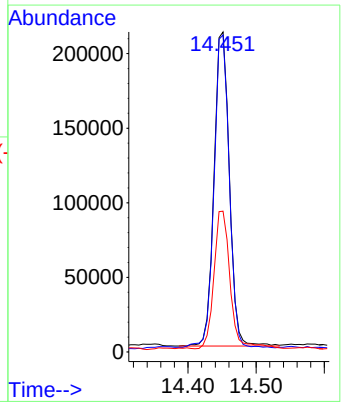


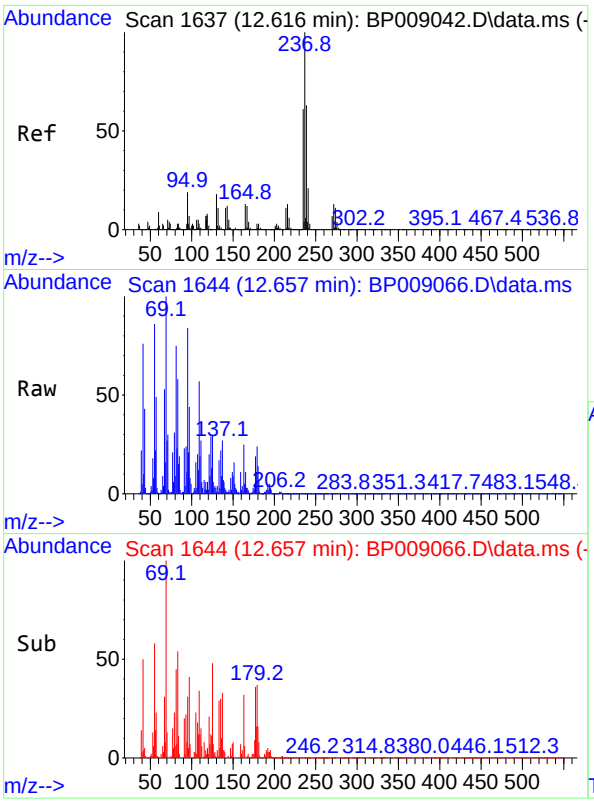


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:164 Resp: 330153

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.9	119.9
160	44.0	35.5	53.3



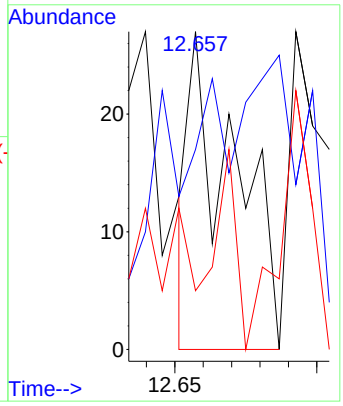


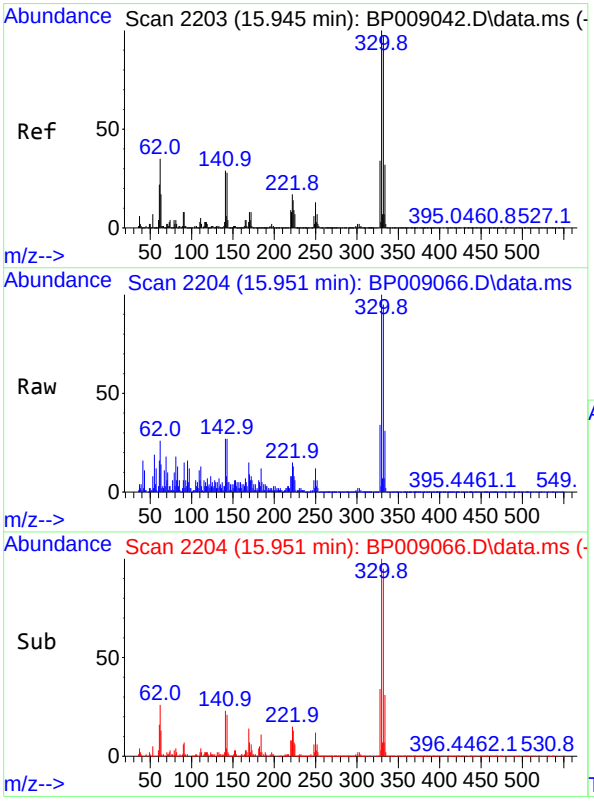
#41
Hexachlorocyclopentadiene
Concen: 8.663 ng
RT: 12.657 min Scan# 1
Delta R.T. 0.041 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:237 Resp: 30

Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.9	82.9
272	18.5	0.0	33.8

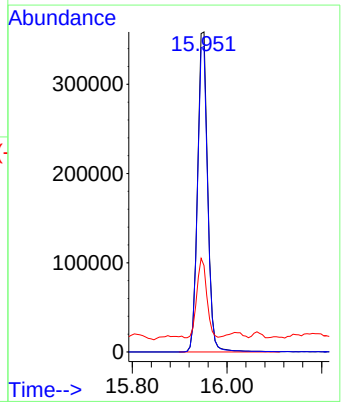


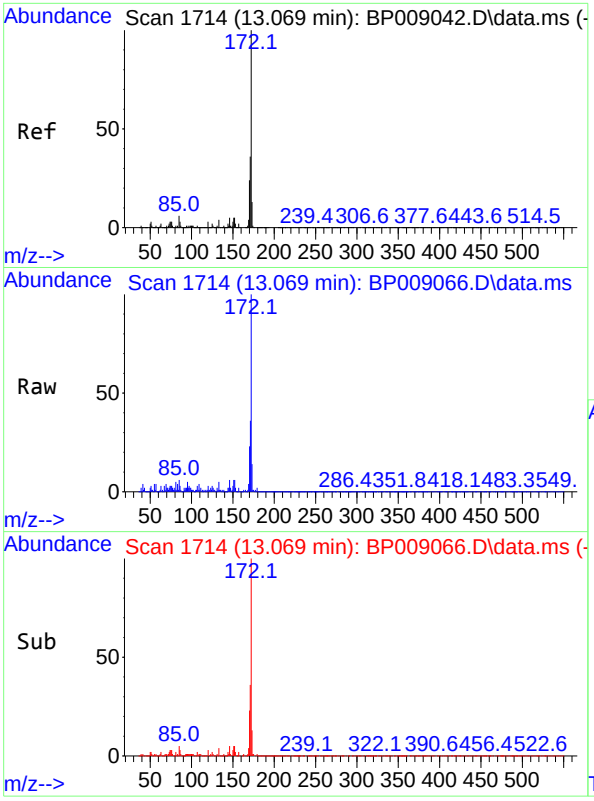


#42
2,4,6-Tribromophenol
Concen: 120.876 ng
RT: 15.951 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:330 Resp: 532838

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	24.5	21.3	31.9



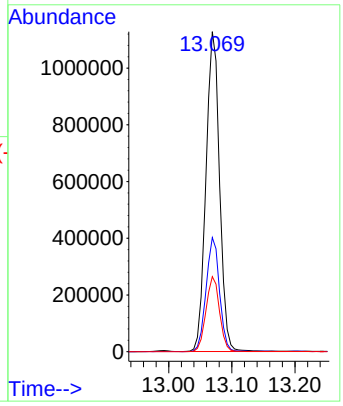


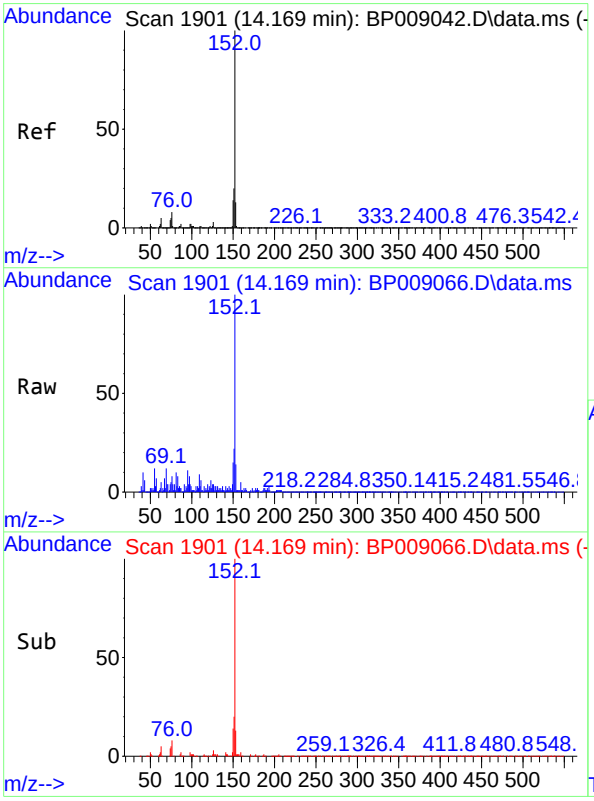
#45
2-Fluorobiphenyl
Concen: 71.757 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:172 Resp: 1692328

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	23.4	19.5	29.3

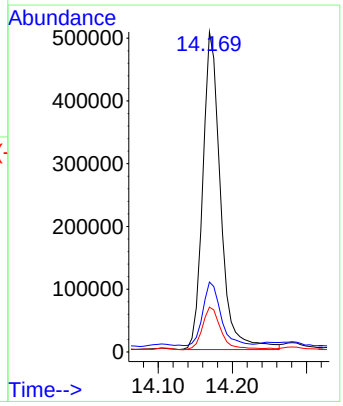


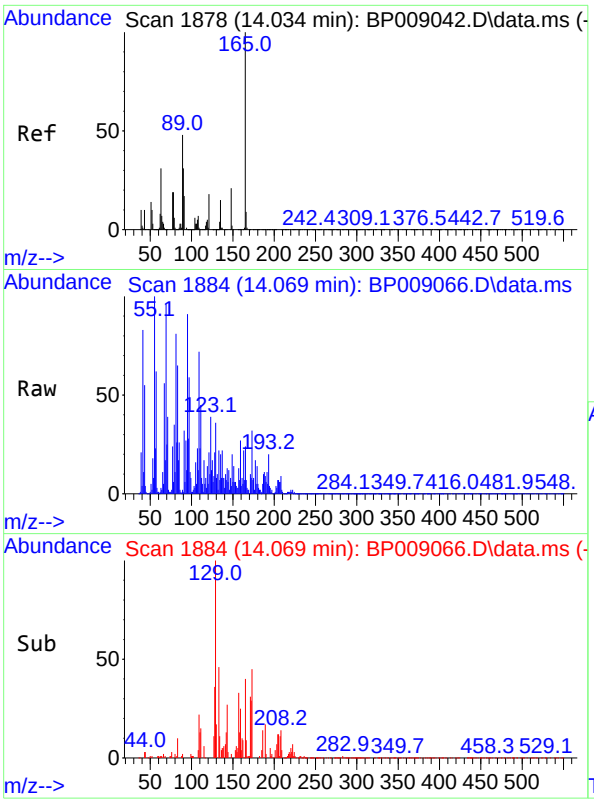


#49
Acenaphthylene
Concen: 29.117 ng
RT: 14.169 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:152 Resp: 846123

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.1	24.1
153	14.0	10.6	16.0



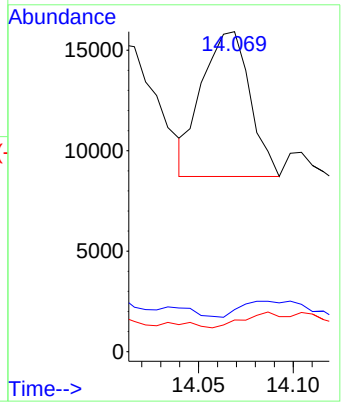


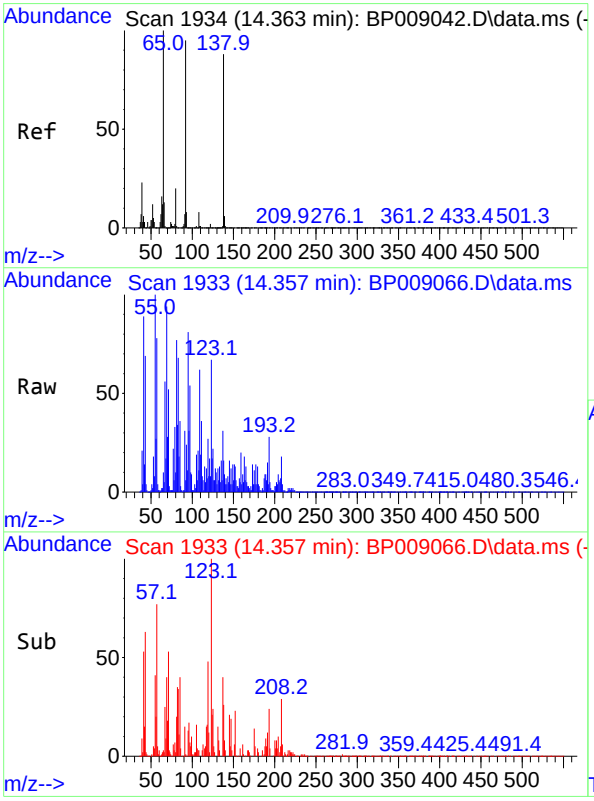
#51
2,6-Dinitrotoluene
Concen: 2.587 ng
RT: 14.069 min Scan# 1
Delta R.T. 0.035 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:165 Resp: 12696

Ion	Ratio	Lower	Upper
165	100		
63	13.1	31.8	47.8#
89	9.9	36.1	54.1#

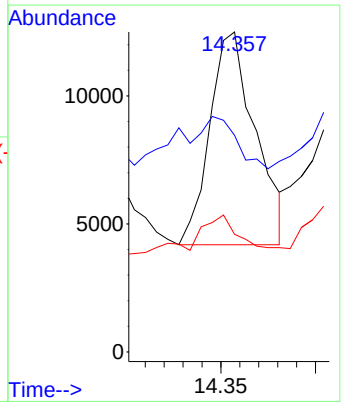


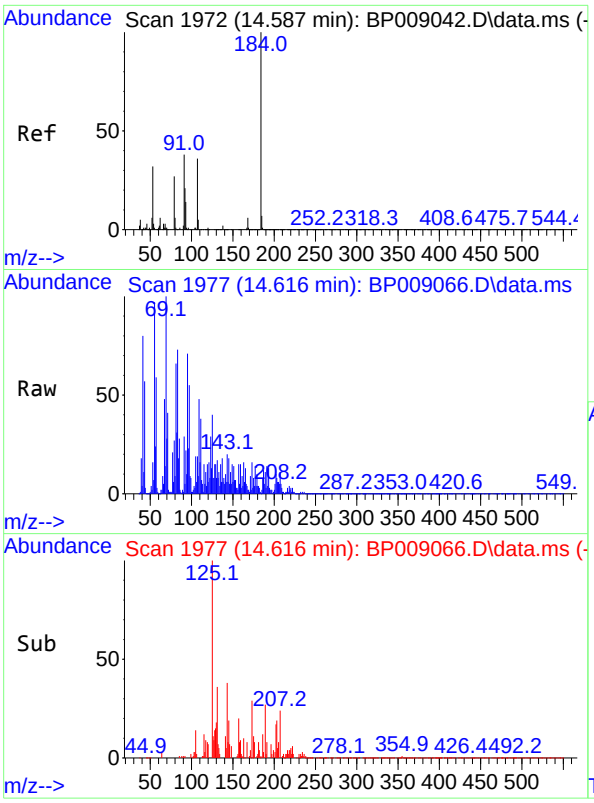


#53
3-Nitroaniline
Concen: 2.772 ng
RT: 14.357 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:138 Resp: 13915

Ion	Ratio	Lower	Upper
138	100		
108	67.7	8.0	12.0#
92	36.8	81.7	122.5#



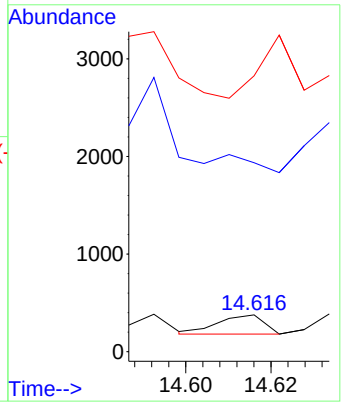


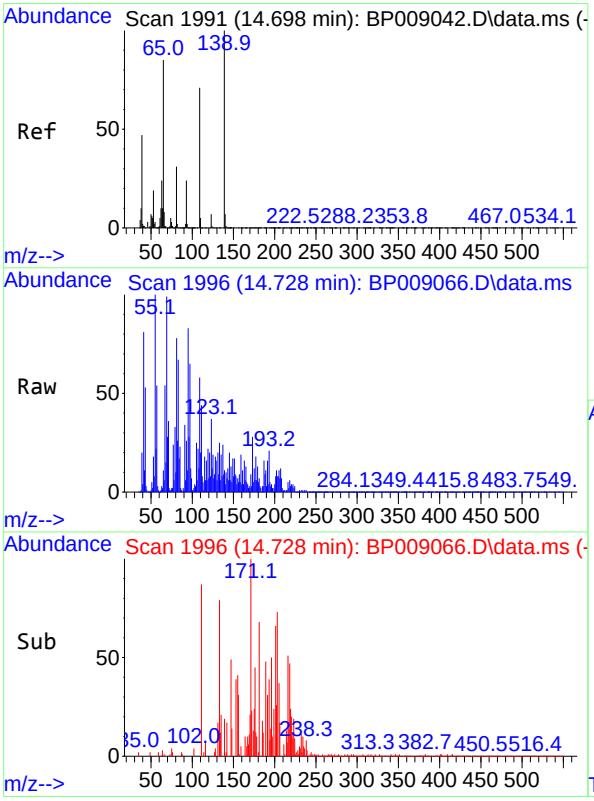
#54
2,4-Dinitrophenol
Concen: 2.237 ng
RT: 14.616 min Scan# 1
Delta R.T. 0.029 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:184 Resp: 146

Ion	Ratio	Lower	Upper
184	100		
63	513.5	35.6	53.4#
154	749.3	43.4	65.0#

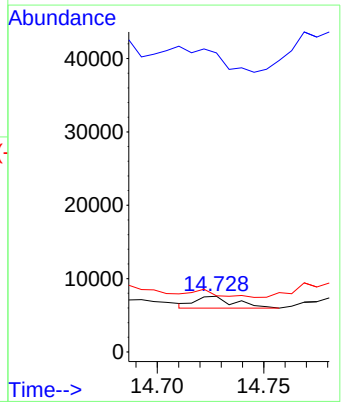


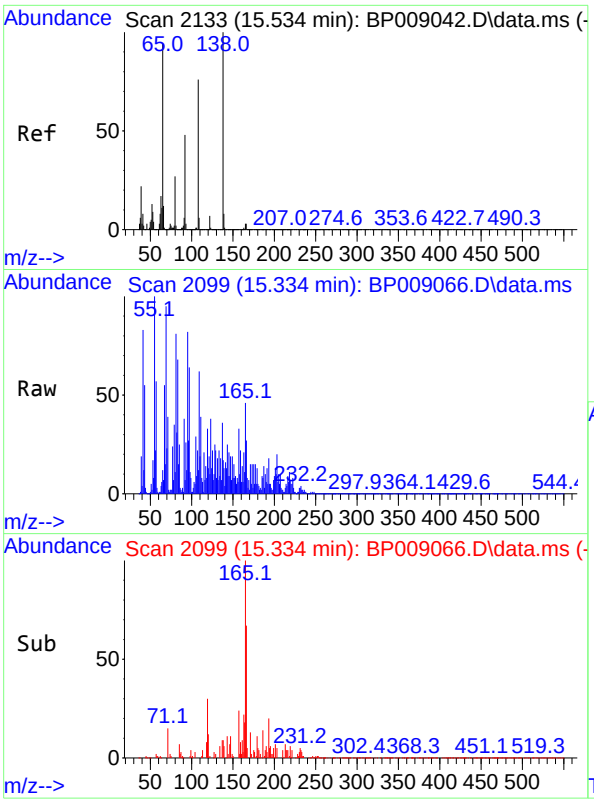


#56
4-Nitrophenol
Concen: 2.209 ng
RT: 14.728 min Scan# 1996
Delta R.T. 0.030 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:139 Resp: 2043

Ion	Ratio	Lower	Upper
139	100		
109	537.7	42.2	82.2#
65	101.1	57.3	97.3#



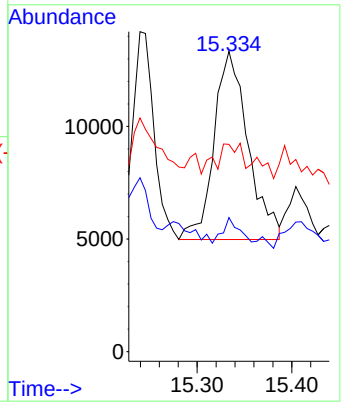


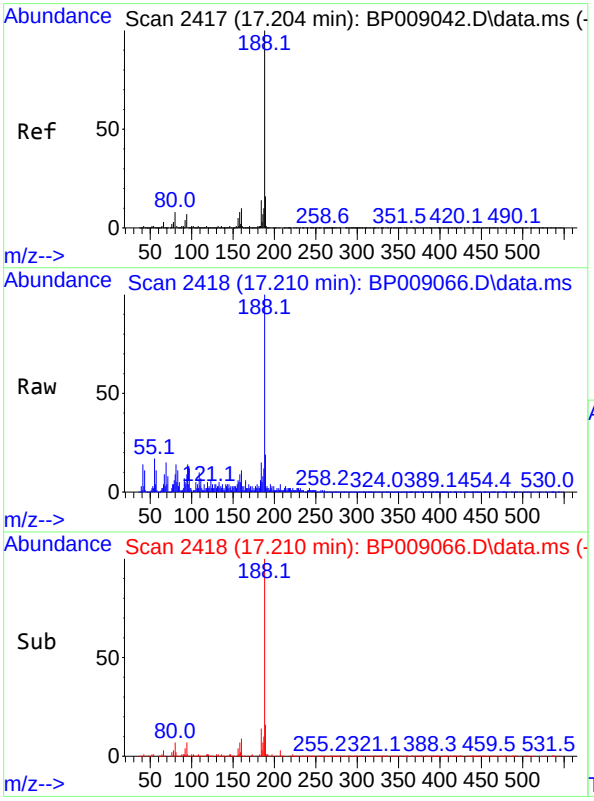
#62
4-Nitroaniline
Concen: 4.132 ng
RT: 15.334 min Scan# 2
Delta R.T. -0.200 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:138 Resp: 20856

Ion	Ratio	Lower	Upper
138	100		
92	44.7	24.3	64.3
108	69.1	44.8	84.8

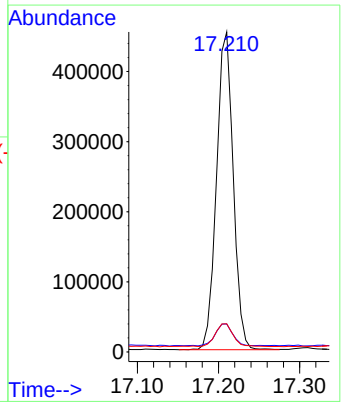


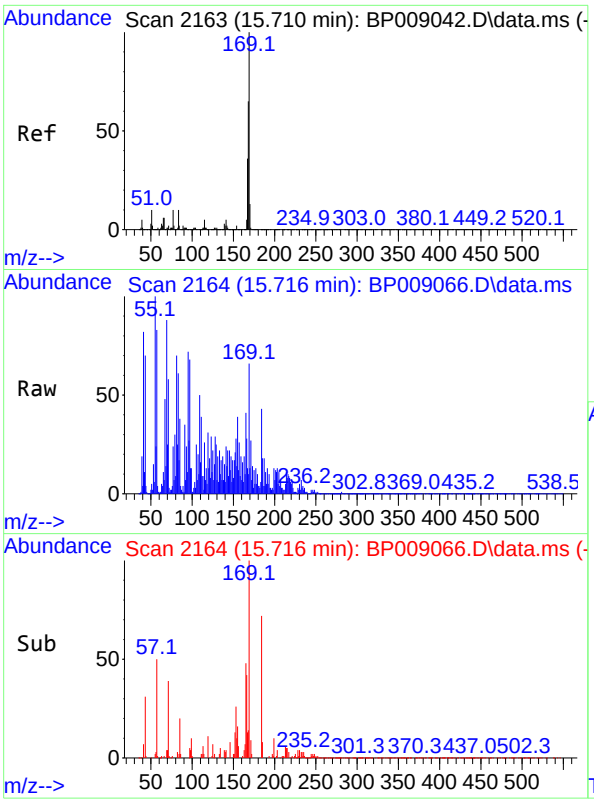


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:188 Resp: 649170

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	8.8	7.2	10.8



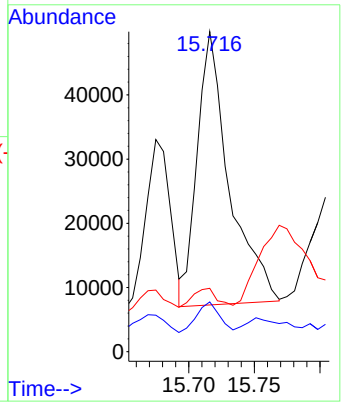


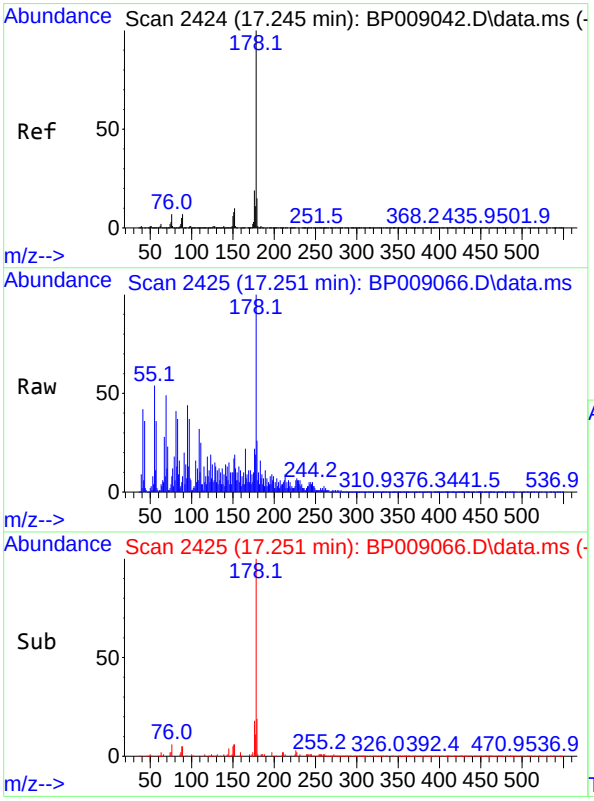
#66
n-Nitrosodiphenylamine
Concen: 3.683 ng
RT: 15.716 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:169 Resp: 72514

Ion	Ratio	Lower	Upper
169	100		
168	15.5	53.3	79.9#
167	19.8	29.0	43.6#

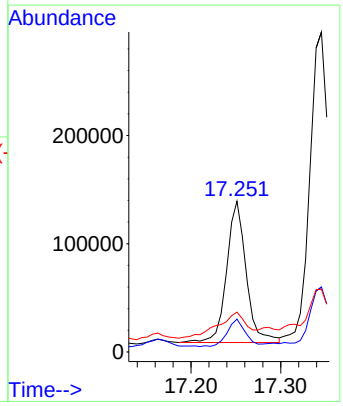


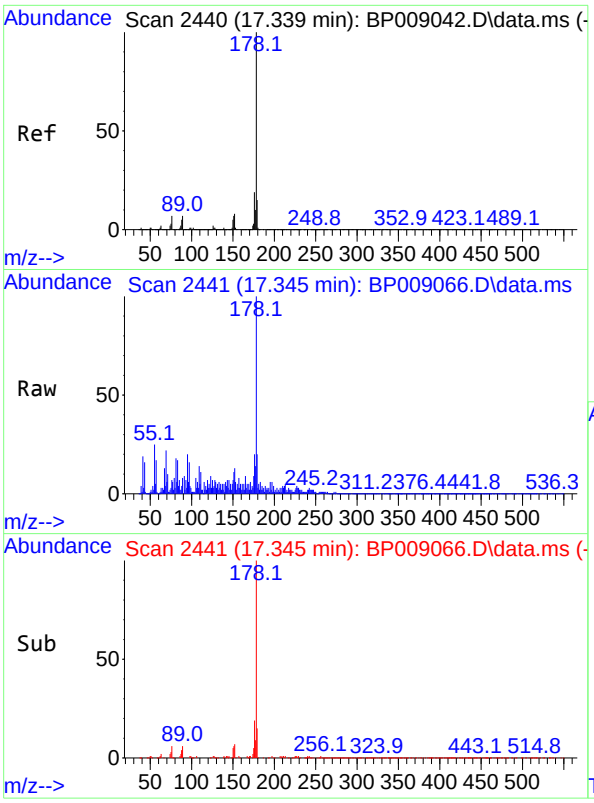


#71
Phenanthrene
Concen: 5.633 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:178 Resp: 198016

Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.0	24.0
179	26.4	13.0	19.4#



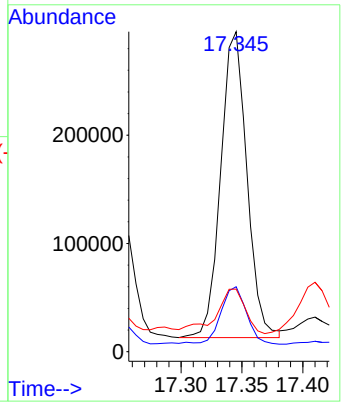


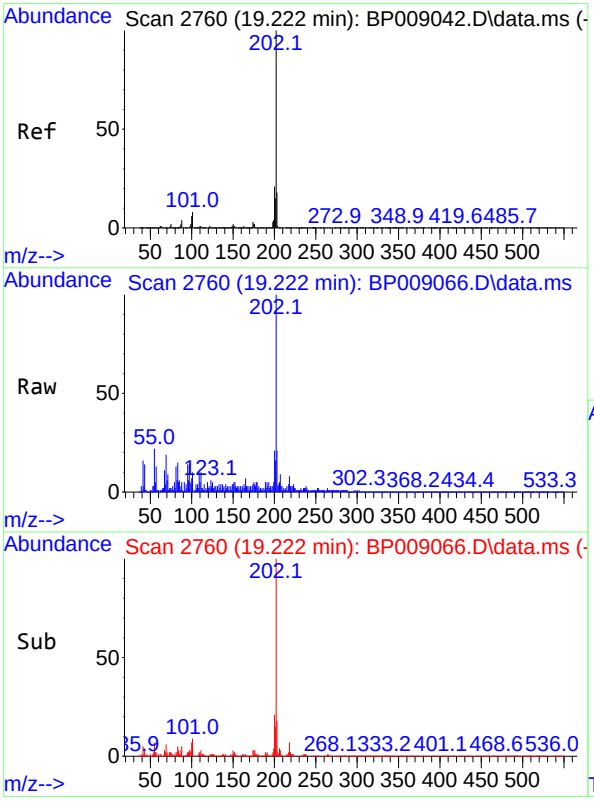
#72
Anthracene
Concen: 12.317 ng
RT: 17.345 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:178 Resp: 423574

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.1	22.7
179	19.5	12.8	19.2#

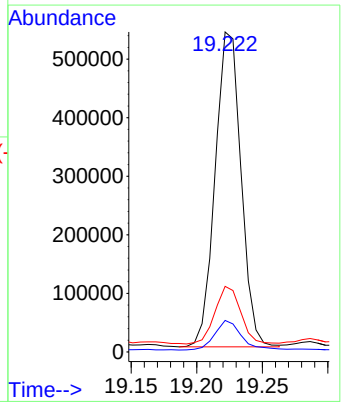


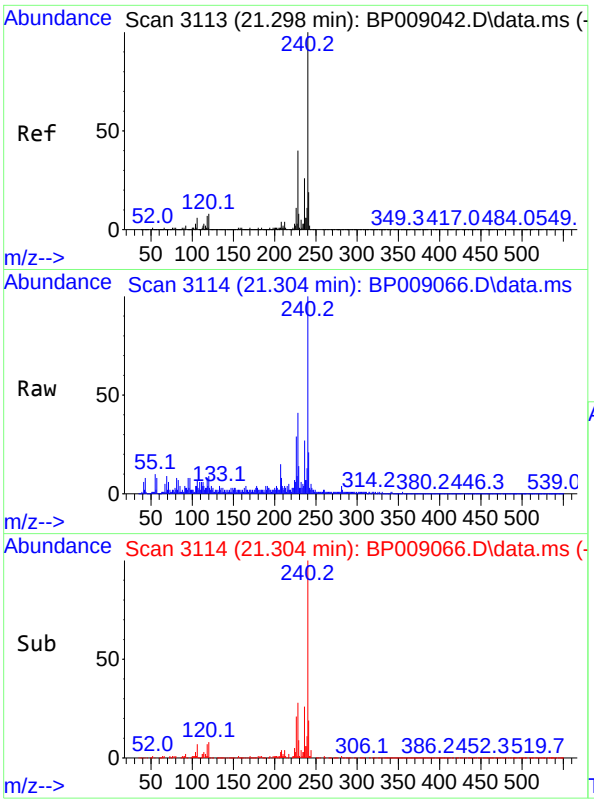


#75
Fluoranthene
Concen: 18.724 ng
RT: 19.222 min Scan# 2760
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:202 Resp: 737674

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.7
203	20.5	0.0	38.9



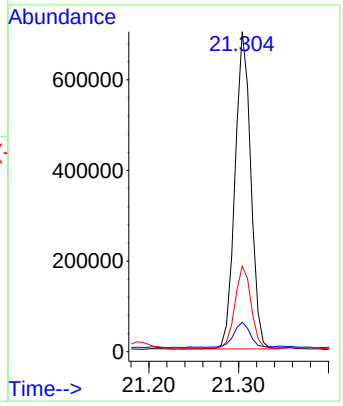


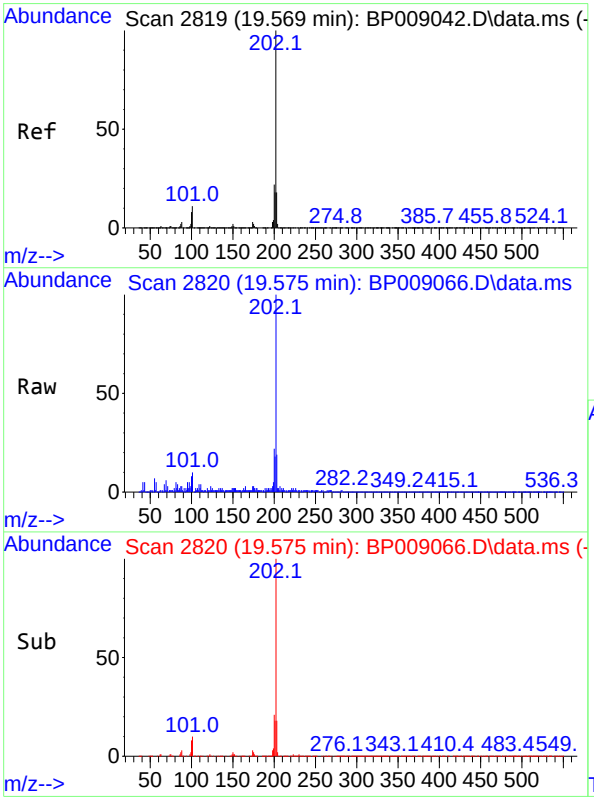
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:240 Resp: 854433

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.7	11.5
236	26.8	21.2	31.8

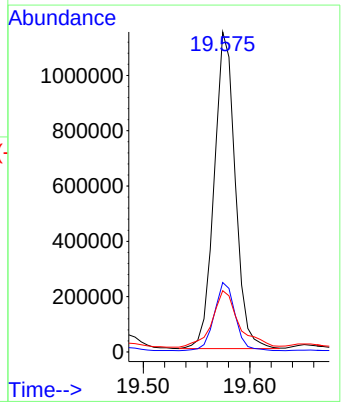


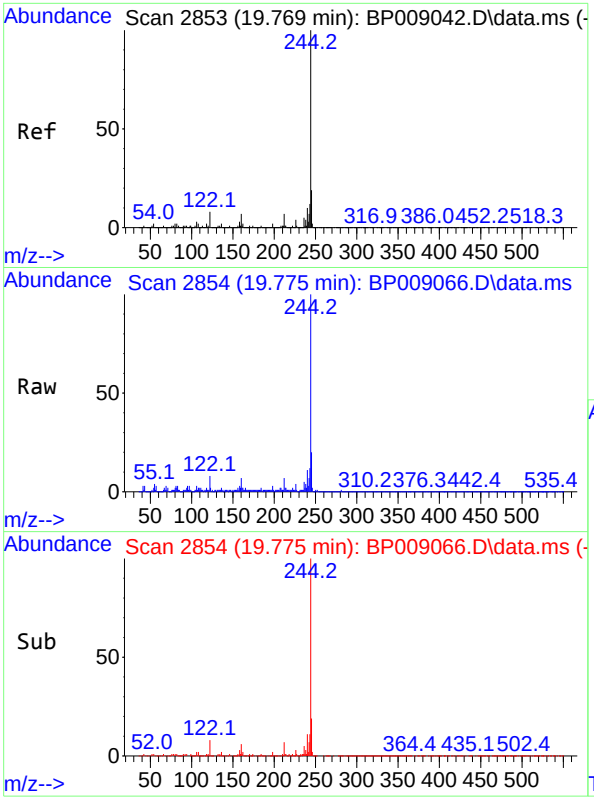


#78
Pyrene
Concen: 25.871 ng
RT: 19.575 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:202 Resp: 1572477

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.0	27.0
203	19.2	15.0	22.6



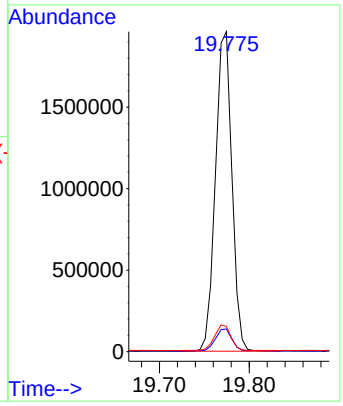


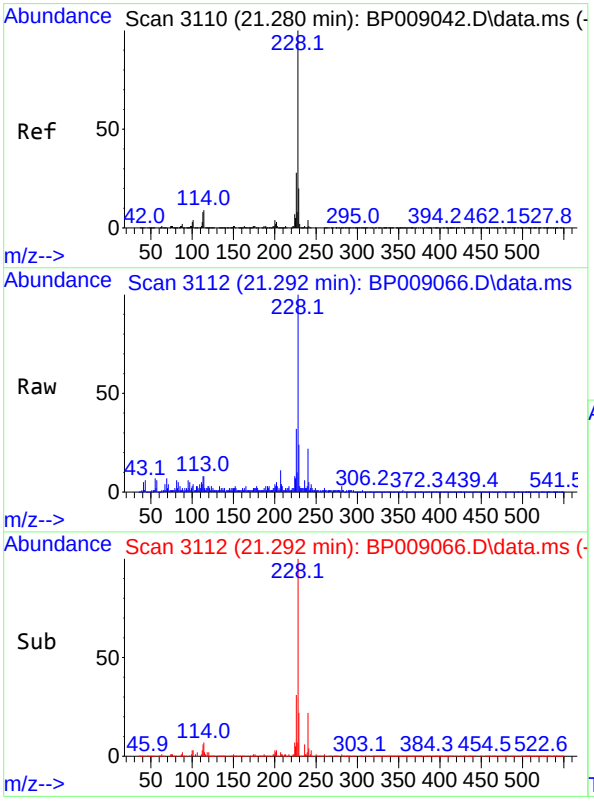
#79
Terphenyl-d14
Concen: 52.411 ng
RT: 19.775 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:244 Resp: 2490197

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	7.9	9.2	13.8#

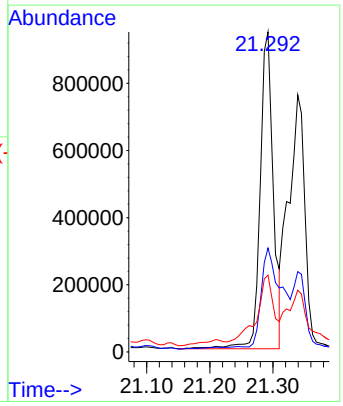


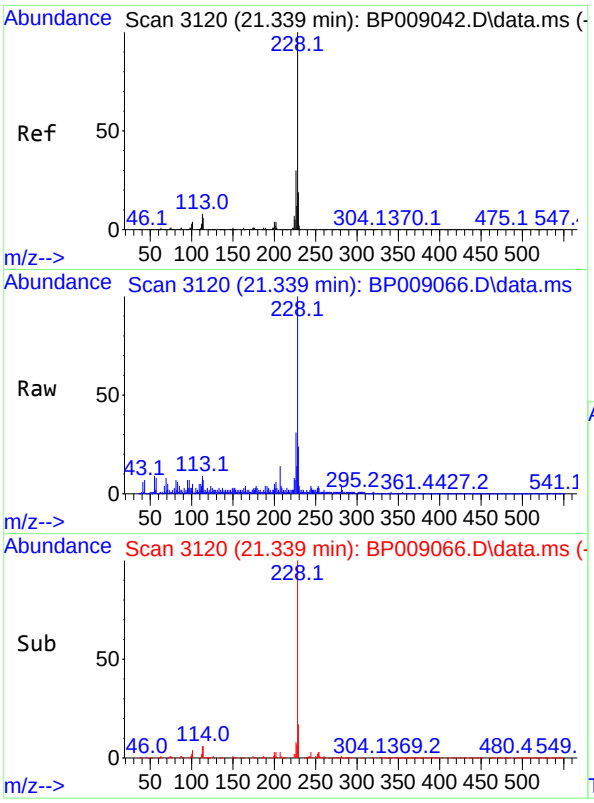


#81
Benzo(a)anthracene
Concen: 24.714 ng
RT: 21.292 min Scan# 3112
Delta R.T. 0.012 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:228 Resp: 1360802

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.3	34.9
229	24.0	17.0	25.6



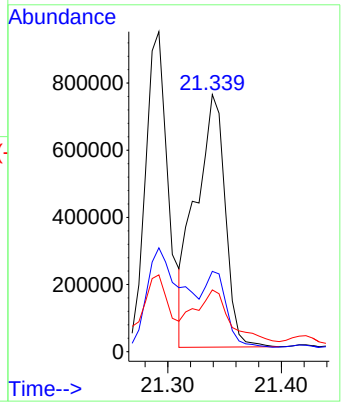


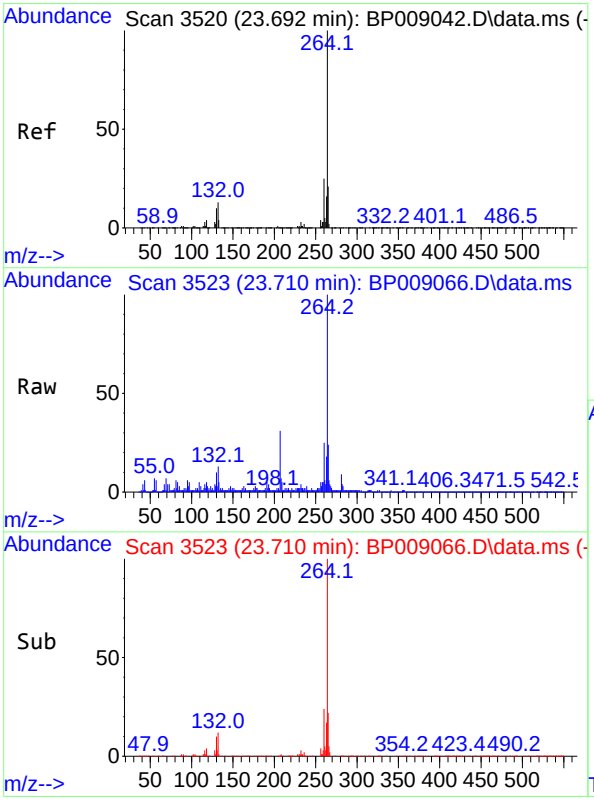
#83
Chrysene
Concen: 25.684 ng
RT: 21.339 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:228 Resp: 1363332

Ion	Ratio	Lower	Upper
228	100		
226	31.2	26.0	39.0
229	24.0	16.9	25.3

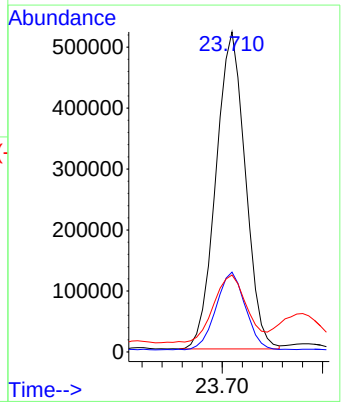


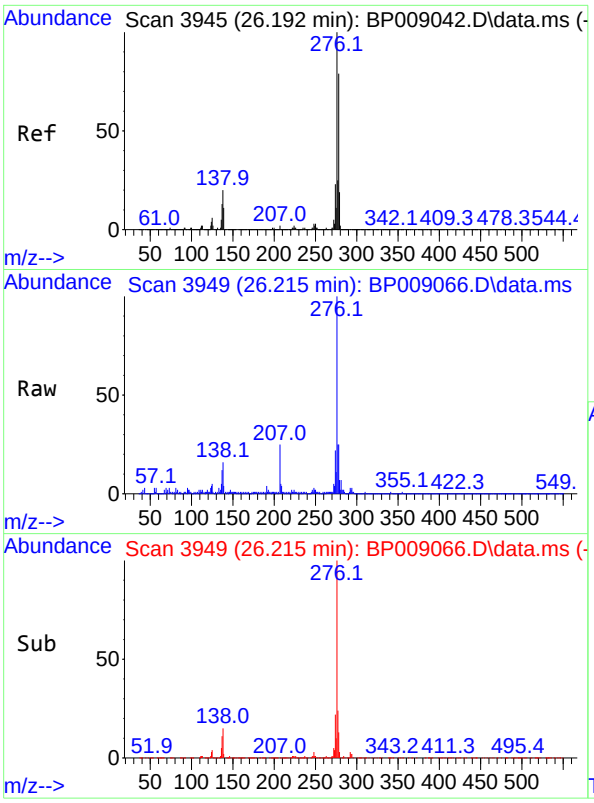


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3523
Delta R.T. 0.018 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:264 Resp: 1056669

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.1	28.7
265	24.1	17.1	25.7



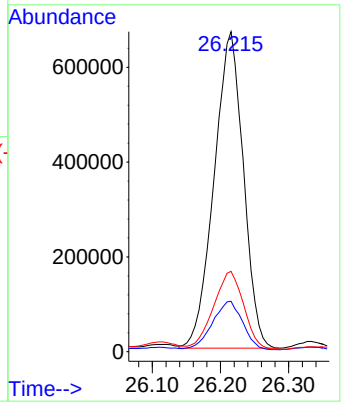


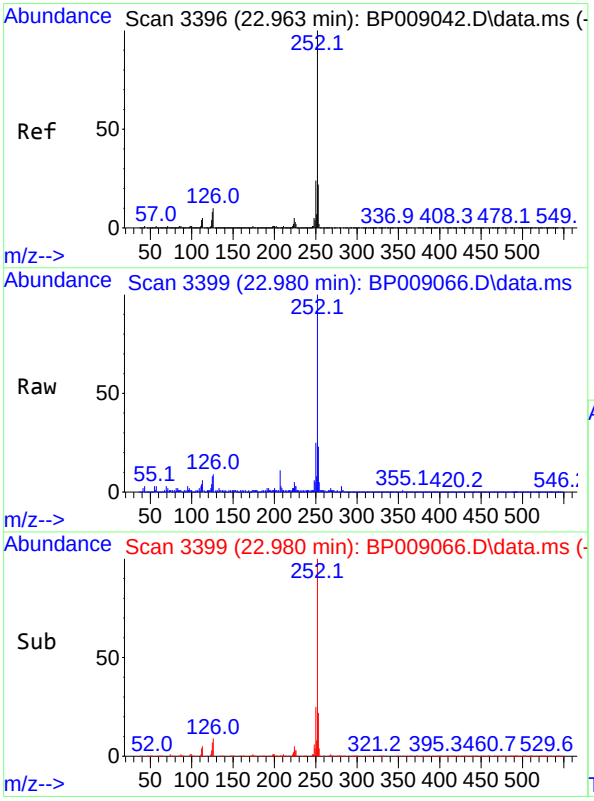
#87
Indeno(1,2,3-cd)pyrene
Concen: 25.418 ng
RT: 26.215 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:276 Resp: 1995609

Ion	Ratio	Lower	Upper
276	100		
138	15.8	17.8	26.6#
277	25.4	20.4	30.6

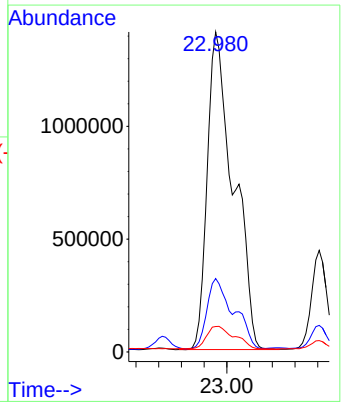


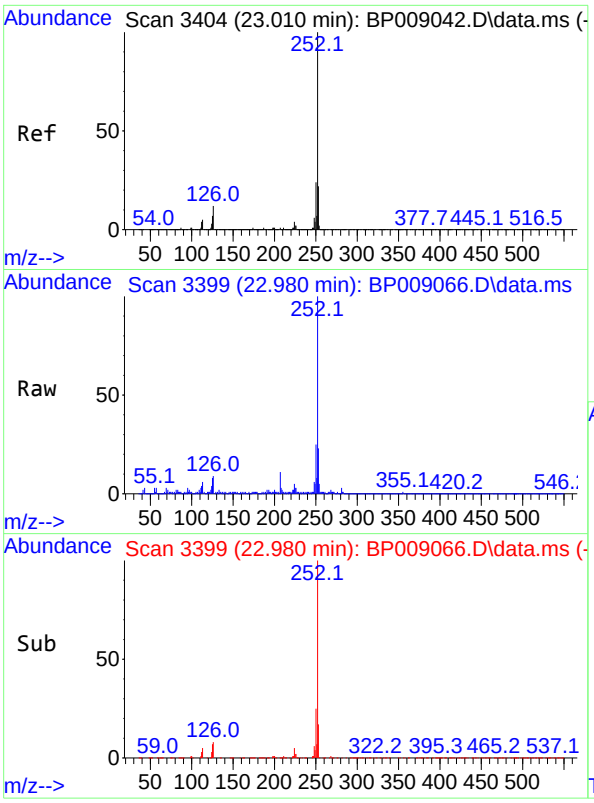


#88
Benzo(b)fluoranthene
Concen: 69.106 ng
RT: 22.980 min Scan# 3399
Delta R.T. 0.018 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:252 Resp: 4495366

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	8.0	6.9	10.3



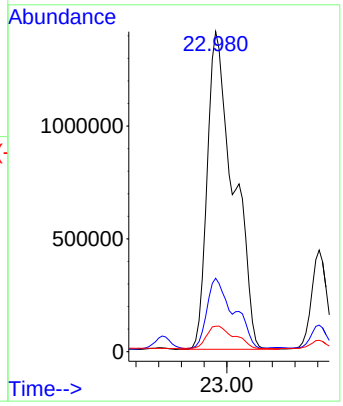


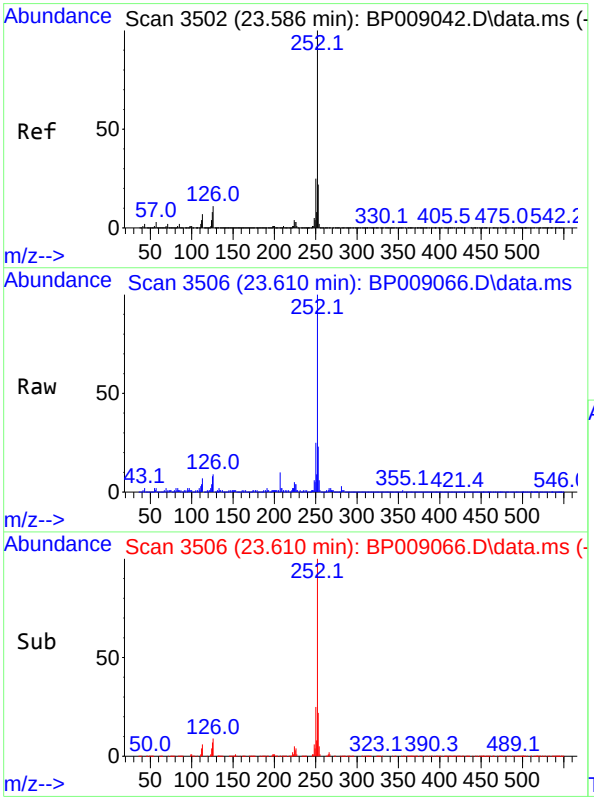
#89
Benzo(k)fluoranthene
Concen: 69.267 ng
RT: 22.980 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:252 Resp: 4495366

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	8.0	7.3	10.9

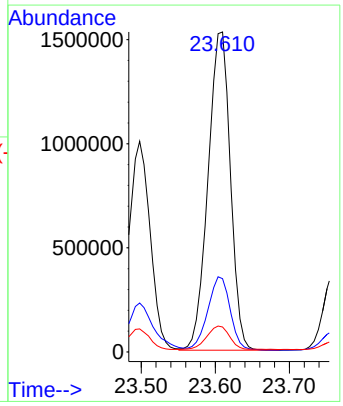


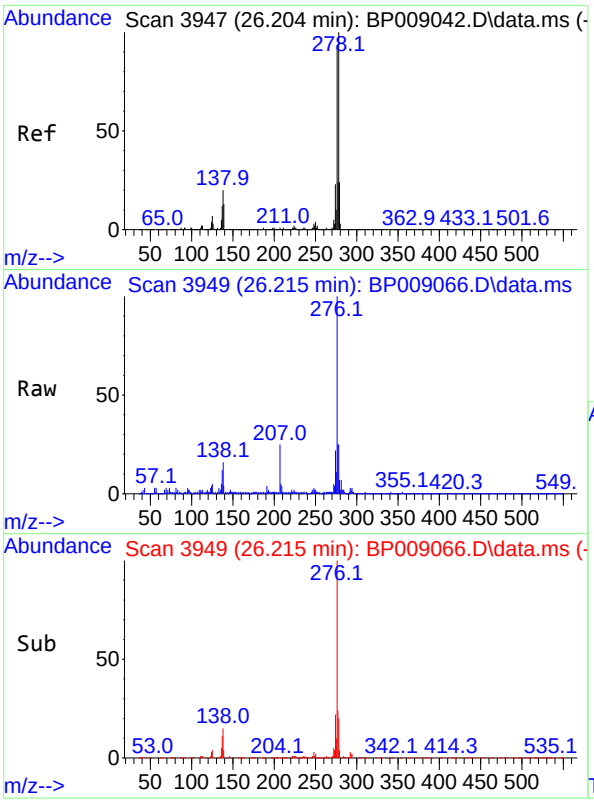


#90
Benzo(a)pyrene
Concen: 58.941 ng
RT: 23.610 min Scan# 3506
Delta R.T. 0.024 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:252 Resp: 3196605

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	7.8	7.8	11.6



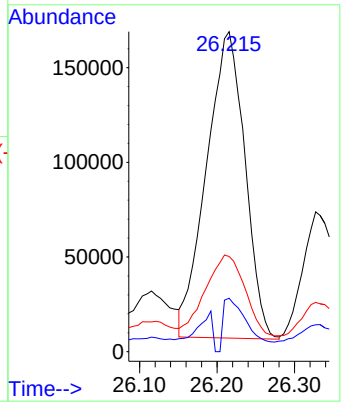


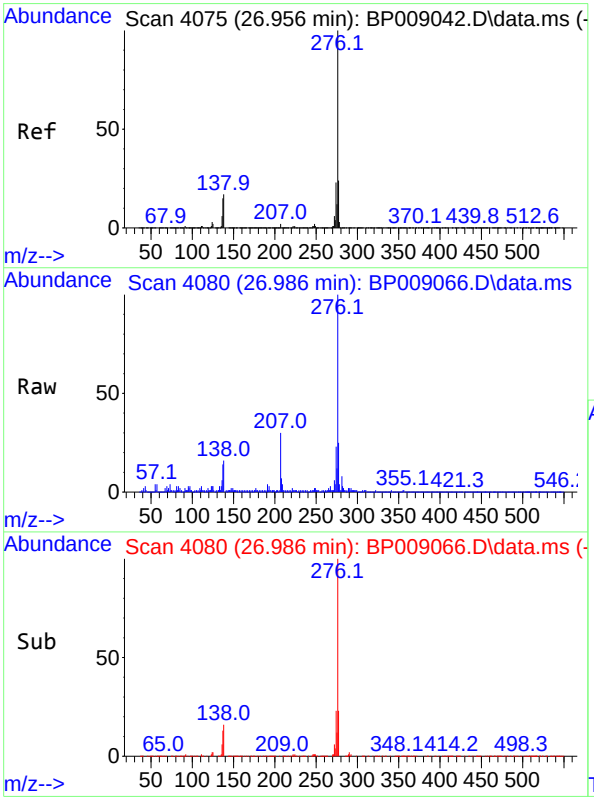
#91
Dibenzo(a,h)anthracene
Concen: 8.651 ng
RT: 26.215 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:278 Resp: 558172

Ion	Ratio	Lower	Upper
278	100		
139	16.7	11.5	17.3
279	29.8	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 29.398 ng
RT: 26.986 min Scan# 4080
Delta R.T. 0.029 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:276 Resp: 1888578

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	16.3	15.0	22.4