Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
Sample : N1426-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Quant Time: Feb 11 23:34:50 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	7.793	152	205630	20.000	ng		-0.01
21) Naphthalene-d8	10.587	136	838789	20.000	ng		-0.02
39) Acenaphthene-d10	14.434	164	604339	20.000	ng		-0.01
64) Phenanthrene-d10	17.192	188	1280497	20.000	ng		-0.01
76) Chrysene-d12	21.298	240	1305759	20.000	ng		0.00
86) Perylene-d12	23.686	264	1288181	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1265131	109.748	ng		0.00
7) Phenol-d6	6.987	99	1643815	108.220	ng		0.00
23) Nitrobenzene-d5	8.952	82	1014323	68.195	ng		-0.02
42) 2,4,6-Tribromophenol	15.934	330	946289	117.274	ng		-0.01
45) 2-Fluorobiphenyl	13.057	172	2829593	65.545	ng		-0.01
79) Terphenyl-d14	19.763	244	4346087	59.856	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.640	128	98485	2.302	ng		97
32) Benzoic acid	9.810	122	5629	3.414	ng	#	37
41) Hexachlorocyclopentadiene	12.651	237	27	8.659	ng		91
49) Acenaphthylene	14.157	152	1223724	23.005	ng		99
54) 2,4-Dinitrophenol	14.581	184	50	2.180	ng	#	1
55) Dibenzofuran	14.834	168	275797	5.058	ng	#	92
56) 4-Nitrophenol	14.651	139	3875	2.232	ng	#	1
58) Fluorene	15.487	166	229841	5.487	ng	#	98
71) Phenanthrene	17.239	178	7587957	109.439	ng		99
72) Anthracene	17.328	178	1888643	27.842	ng		100
73) Carbazole	17.610	167	246464	3.790	ng	#	94
75) Fluoranthene	19.222	202	14152714	182.123	ng		97
78) Pyrene	19.575	202	13512108	145.468	ng		97
81) Benzo(a)anthracene	21.280	228	7003914	83.235	ng		97
83) Chrysene	21.333	228	5918699	72.964	ng		98
87) Indeno(1,2,3-cd)pyrene	26.192	276	3552912	37.120	ng	#	94
88) Benzo(b)fluoranthene	22.969	252	7804916	98.420	ng		99
89) Benzo(k)fluoranthene	22.969	252	7804916	98.648	ng		98
90) Benzo(a)pyrene	23.592	252	5433592	82.182	ng		97
91) Dibenzo(a,h)anthracene	26.192	278	915027	11.633	ng	#	83
92) Benzo(g,h,i)perylene	26.957	276	3291376	42.027	ng		98

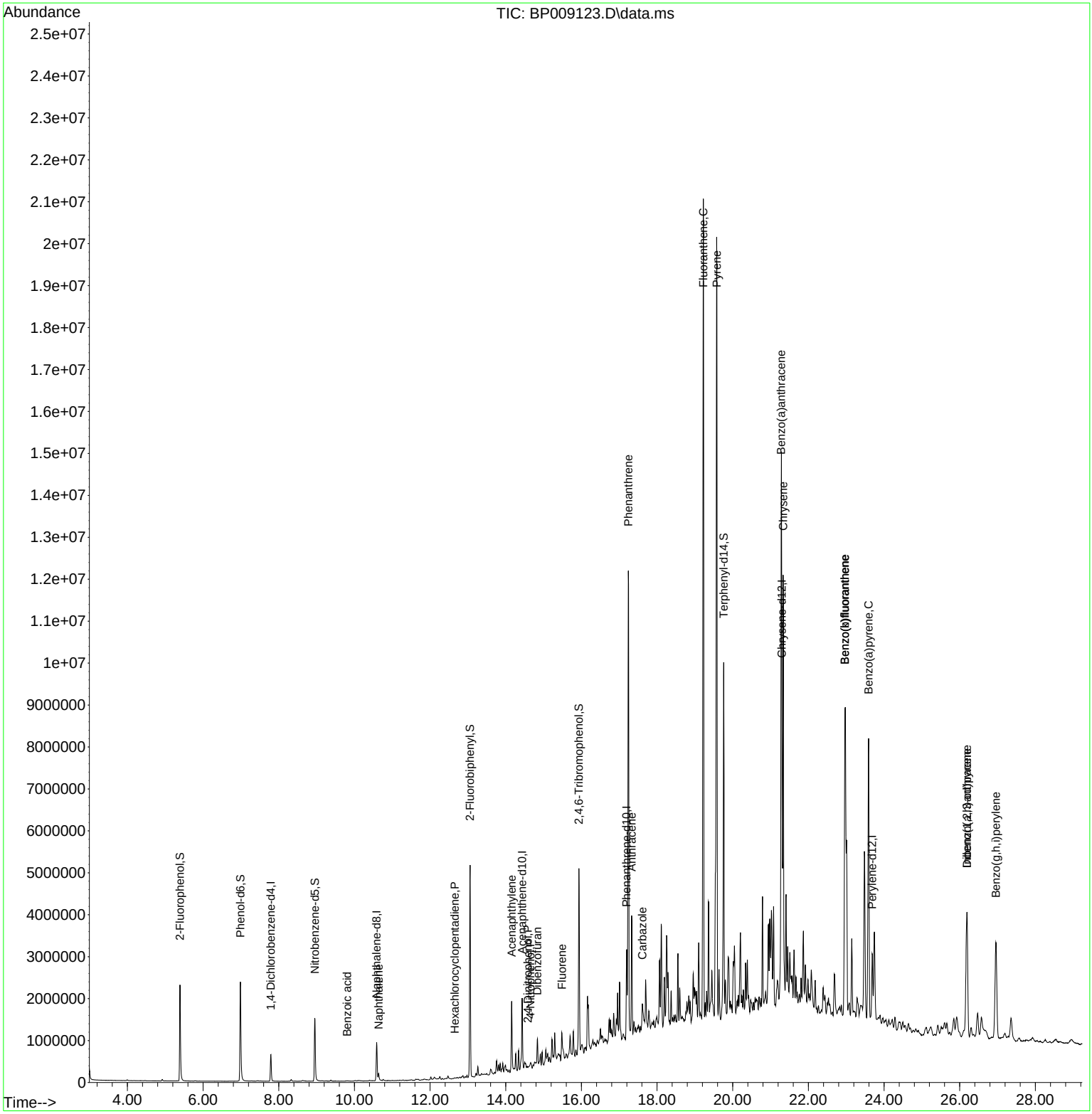
(#) = qualifier out of range (m) = manual integration (+) = signals summed

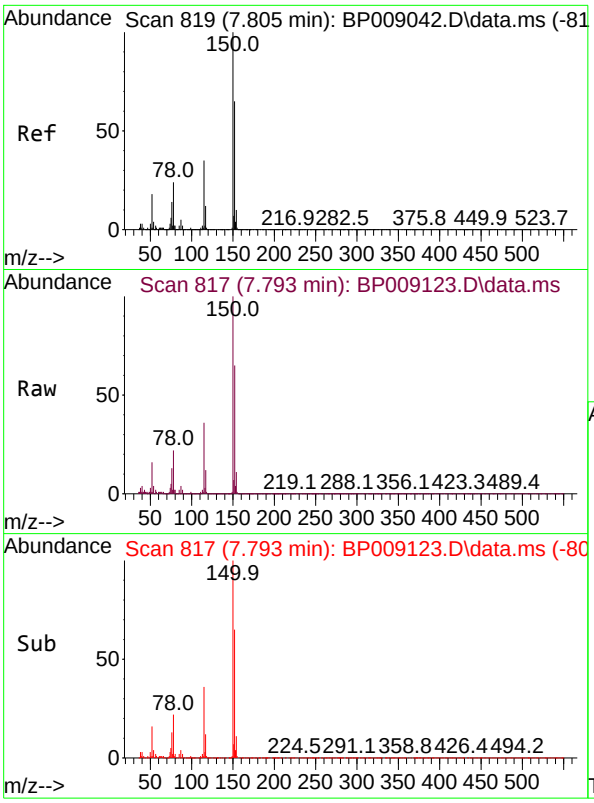
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
Sample : N1426-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Quant Time: Feb 11 23:34:50 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



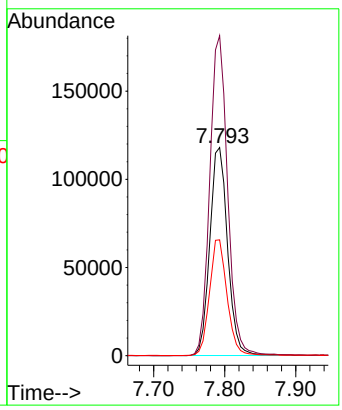


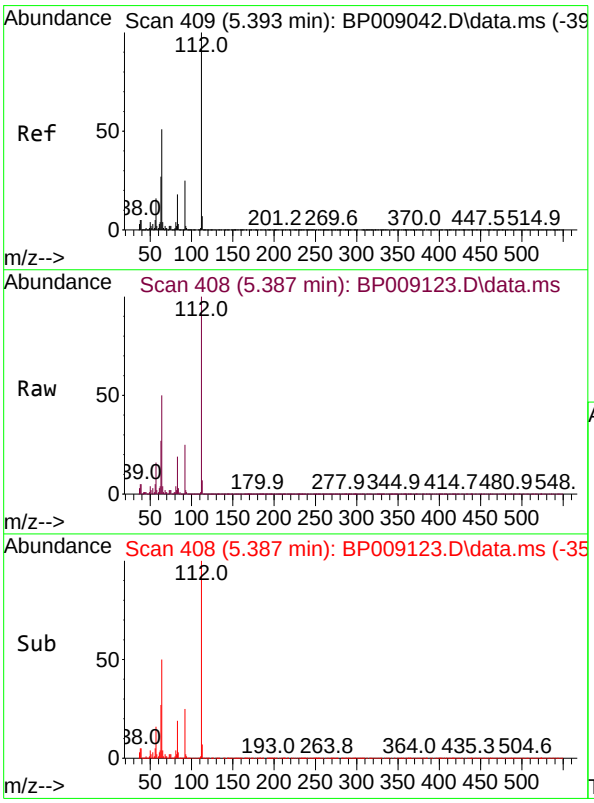
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:152 Resp: 205630

Ion	Ratio	Lower	Upper
152	100		
150	153.8	127.0	190.6
115	55.7	43.7	65.5

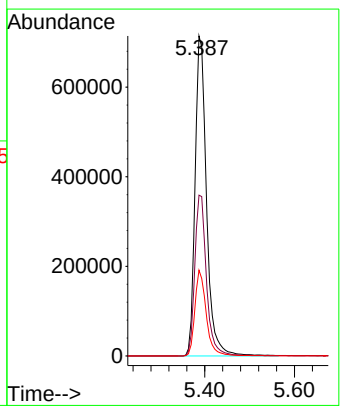


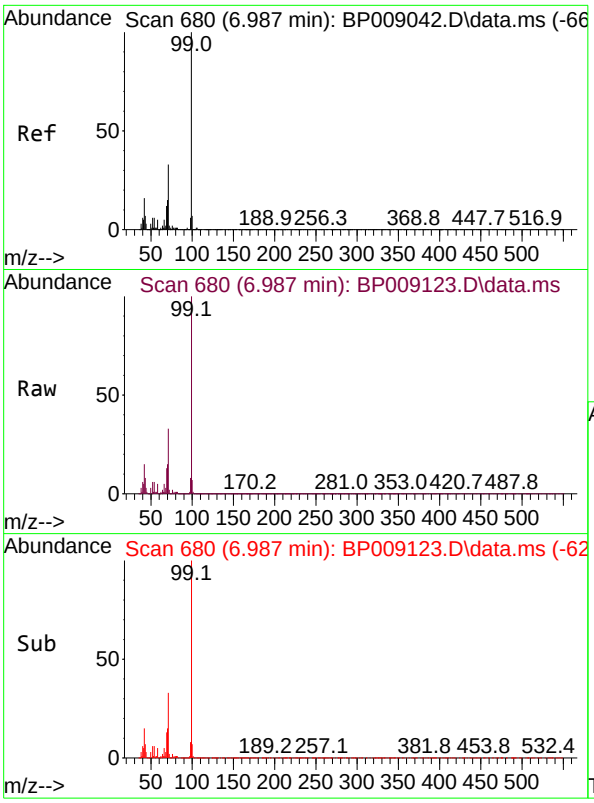


#5
2-Fluorophenol
Concen: 109.748 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:112 Resp: 1265131

Ion	Ratio	Lower	Upper
112	100		
64	50.3	39.7	59.5
63	26.8	20.0	30.0



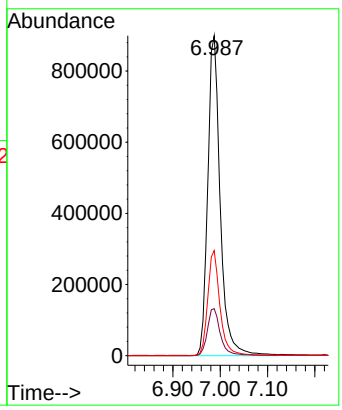


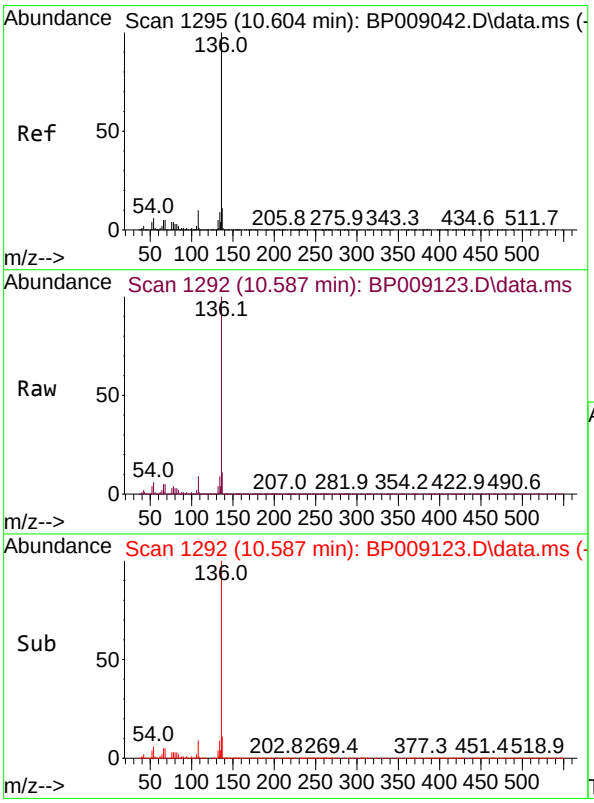
#7
Phenol-d6
Concen: 108.220 ng
RT: 6.987 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion: 99 Resp: 1643815

Ion	Ratio	Lower	Upper
99	100		
42	14.7	10.8	16.2
71	32.9	23.8	35.6

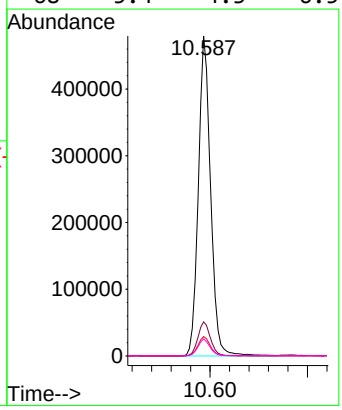


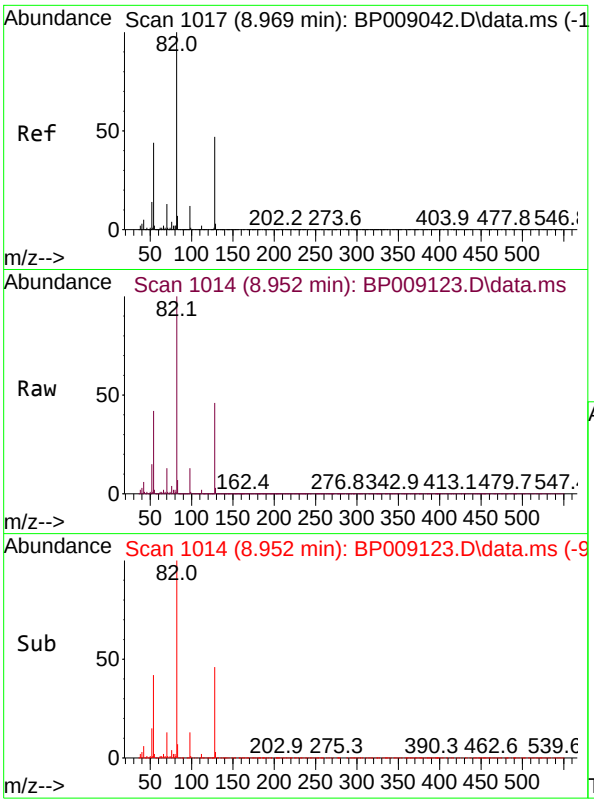


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.017 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:136 Resp: 838789

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.0	4.9	7.3
68	5.4	4.3	6.5



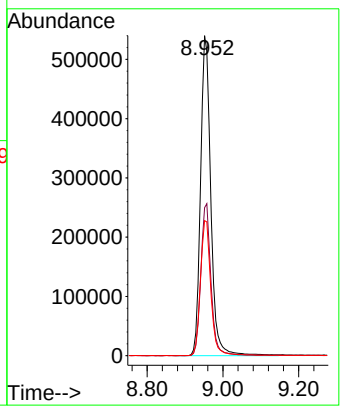


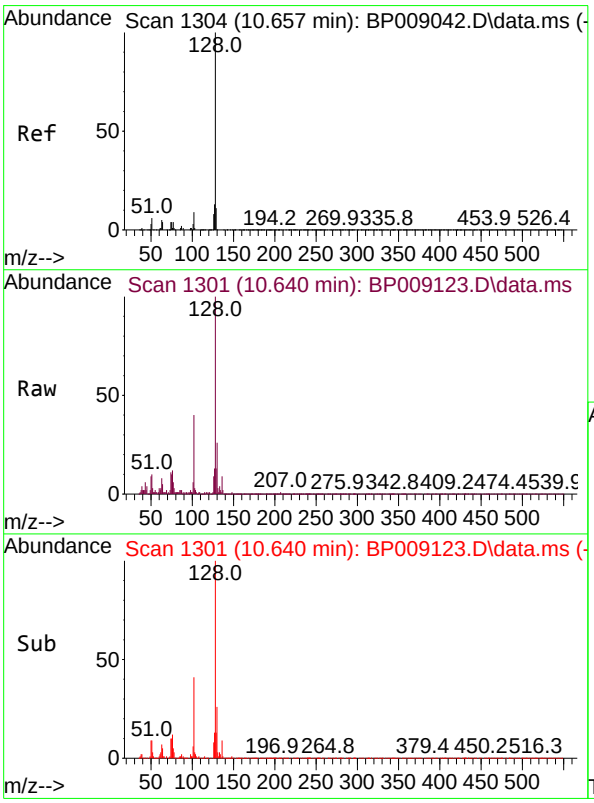
#23
Nitrobenzene-d5
Concen: 68.195 ng
RT: 8.952 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion: 82 Resp: 1014323

Ion	Ratio	Lower	Upper
82	100		
128	46.2	39.4	59.2
54	42.2	32.6	48.8

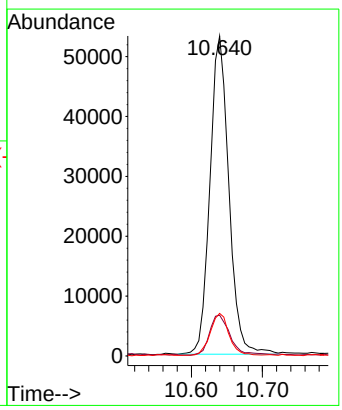


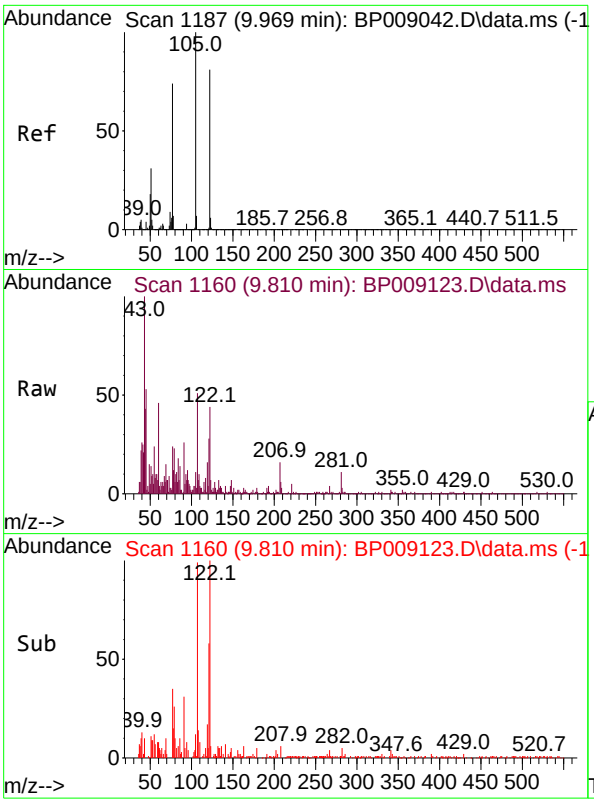


#31
Naphthalene
Concen: 2.302 ng
RT: 10.640 min Scan# 1301
Delta R.T. -0.018 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:128 Resp: 98485

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.8	13.2
127	13.3	10.4	15.6



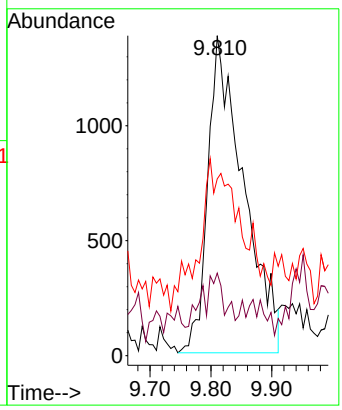


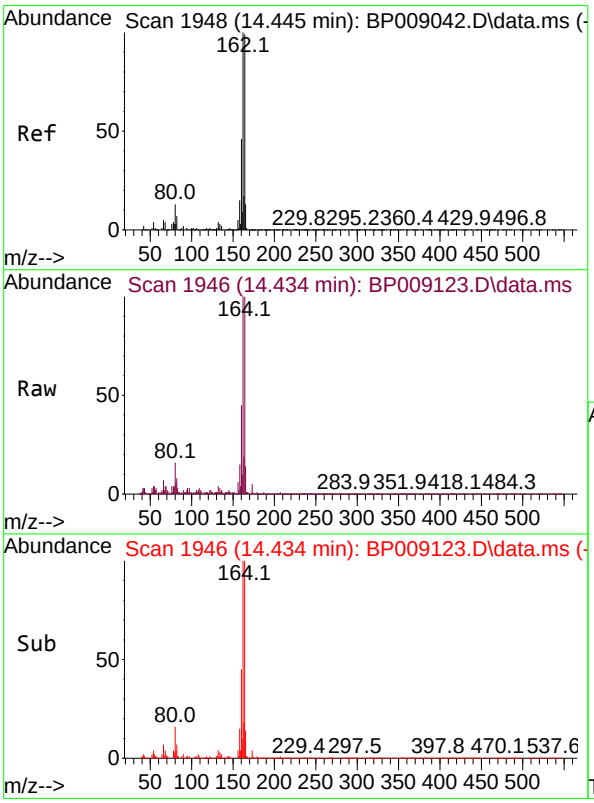
#32
Benzoic acid
Concen: 3.414 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.159 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:122 Resp: 5629

Ion	Ratio	Lower	Upper
122	100		
105	25.8	100.1	140.1#
77	55.2	65.5	105.5#

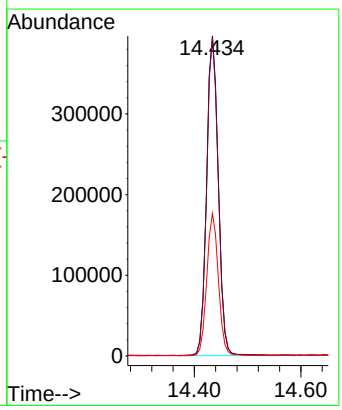


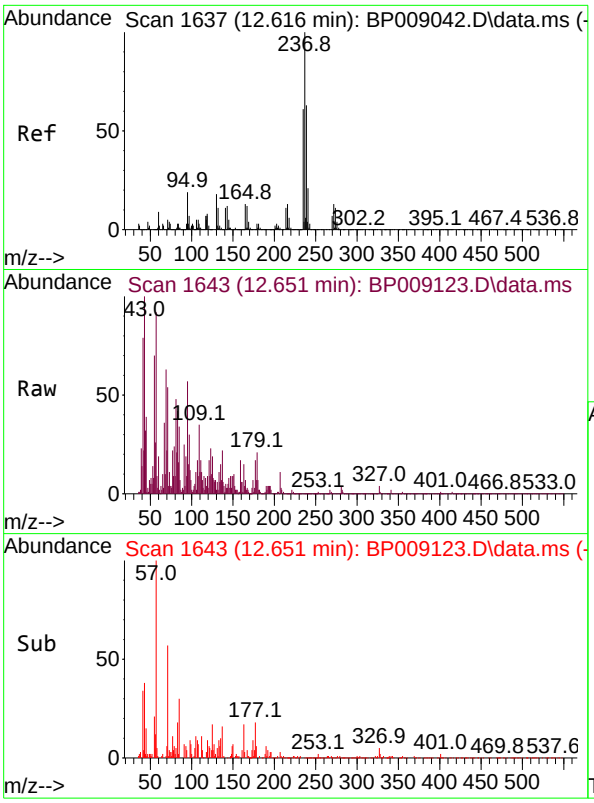


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:164 Resp: 604339

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.9	119.9
160	44.5	35.5	53.3



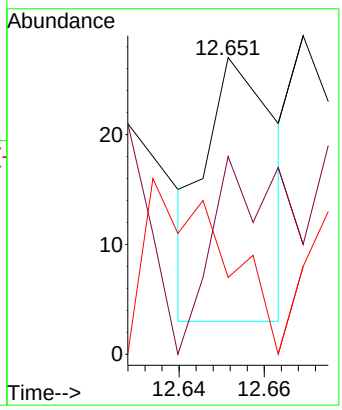


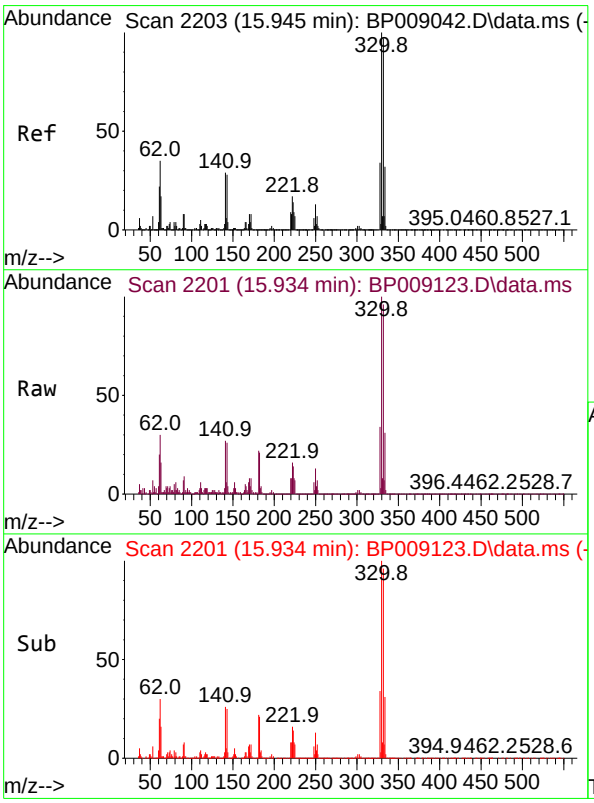
#41
Hexachlorocyclopentadiene
Concen: 8.659 ng
RT: 12.651 min Scan# 1
Delta R.T. 0.035 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:237 Resp: 27

Ion	Ratio	Lower	Upper
237	100		
235	66.7	42.9	82.9
272	25.9	0.0	33.8

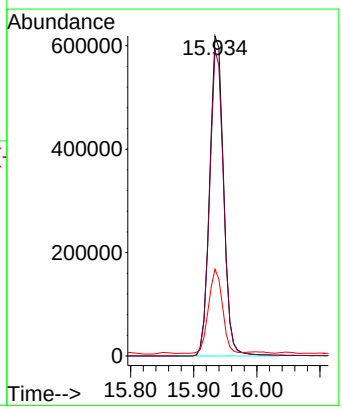


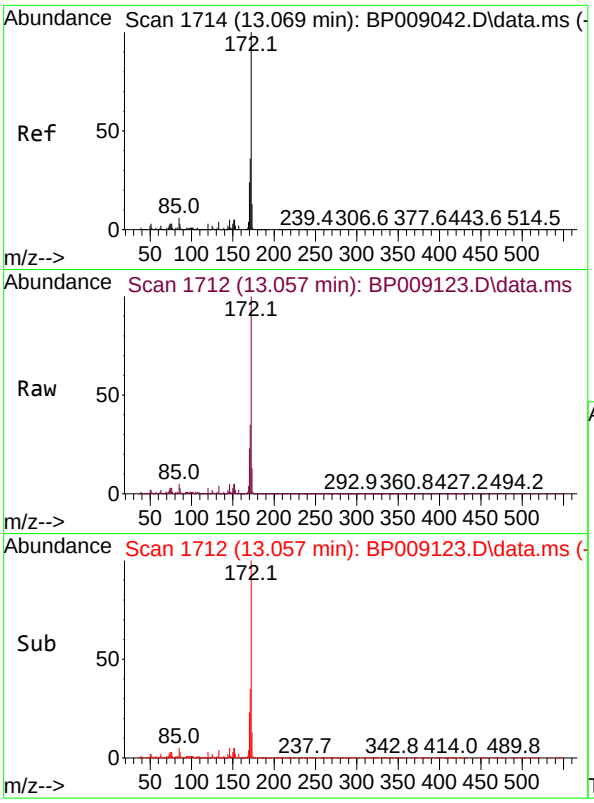


#42
2,4,6-Tribromophenol
Concen: 117.274 ng
RT: 15.934 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:330 Resp: 946289

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	26.3	21.3	31.9



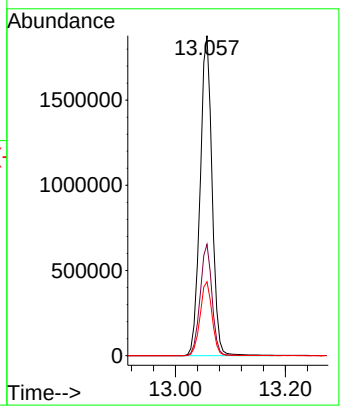


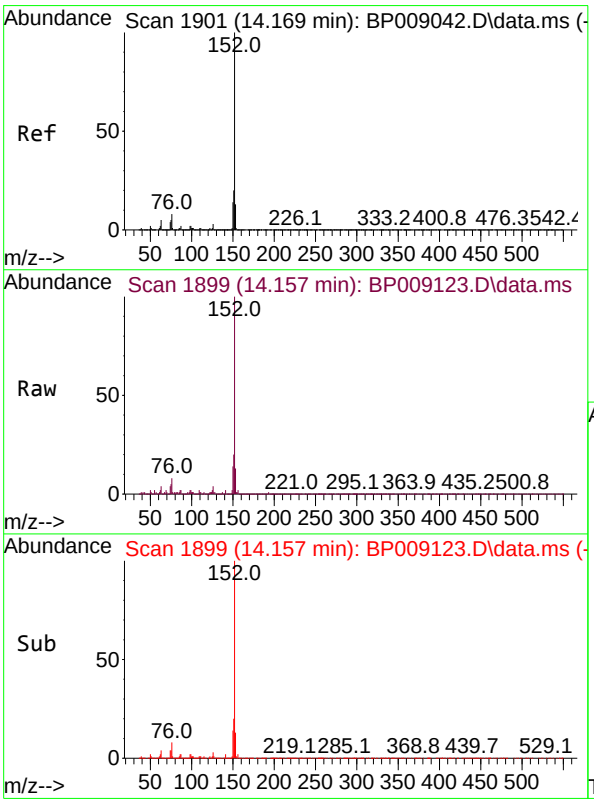
#45
2-Fluorobiphenyl
Concen: 65.545 ng
RT: 13.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:172 Resp: 2829593

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.3	43.9
170	23.1	19.5	29.3

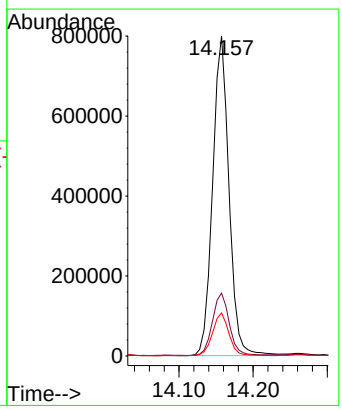


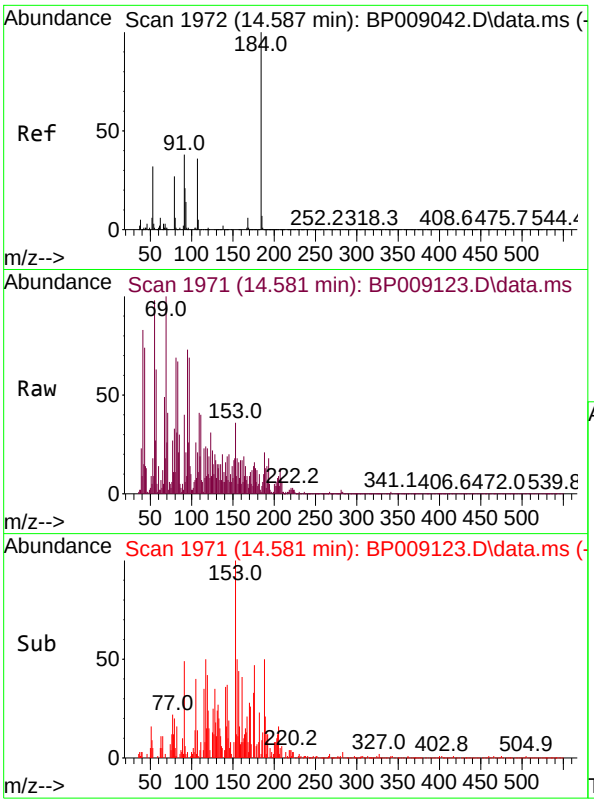


#49
Acenaphthylene
Concen: 23.005 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:152 Resp: 1223724

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.4	10.6	16.0



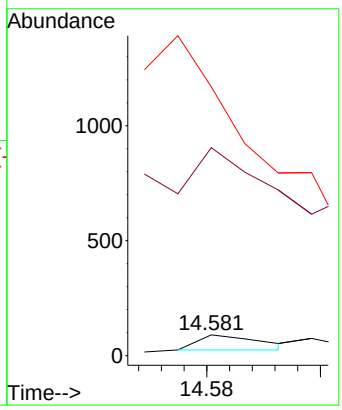


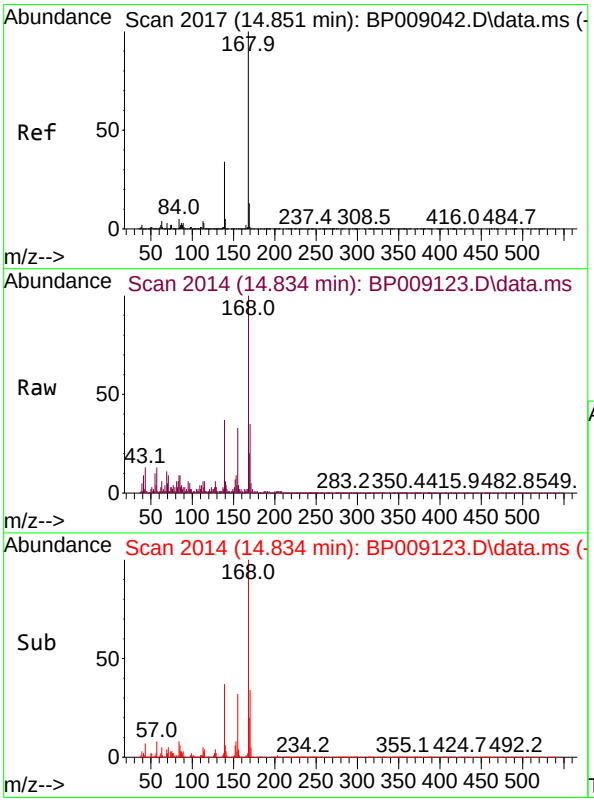
#54
2,4-Dinitrophenol
Concen: 2.180 ng
RT: 14.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:184 Resp: 50

Ion	Ratio	Lower	Upper
184	100		
63	1005.6	35.6	53.4#
154	1298.9	43.4	65.0#

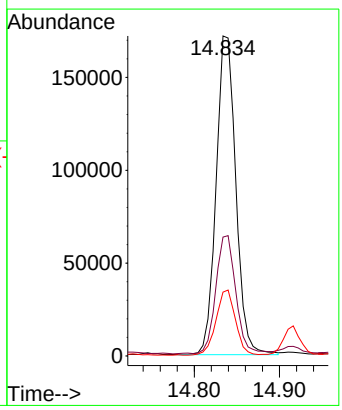


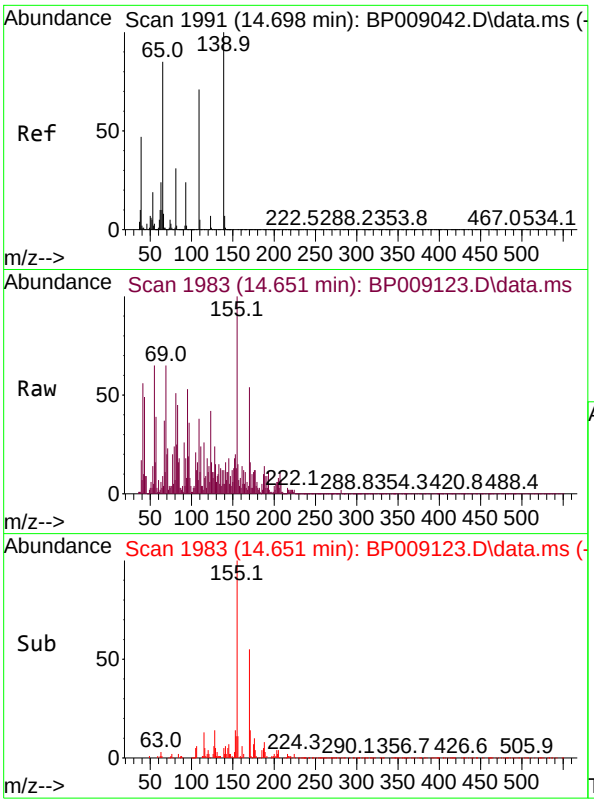


#55
Dibenzofuran
Concen: 5.058 ng
RT: 14.834 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:168 Resp: 275797

Ion	Ratio	Lower	Upper
168	100		
139	37.2	27.4	41.0
169	20.0	10.9	16.3#



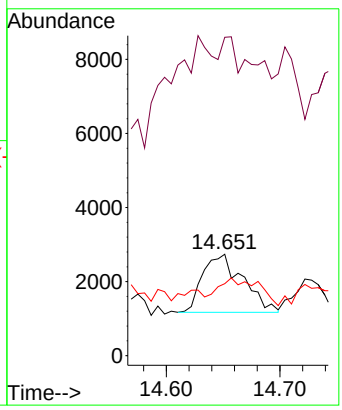


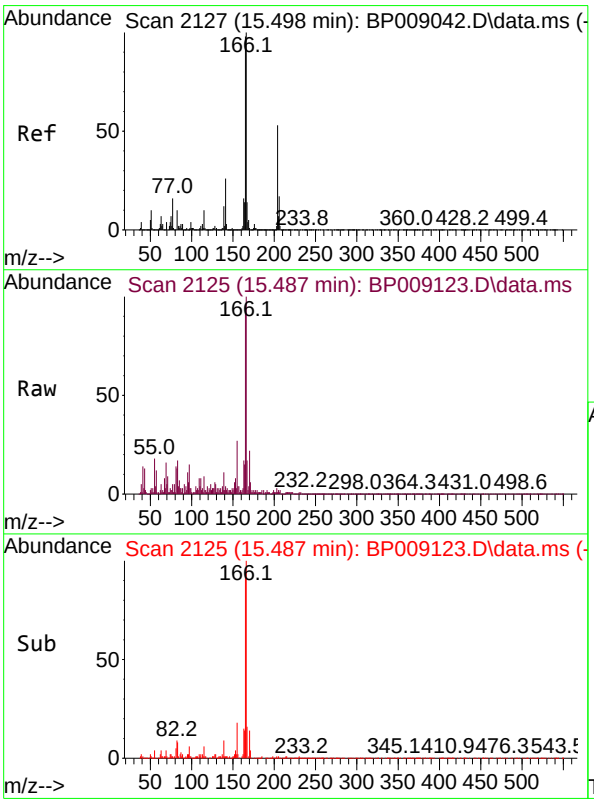
#56
4-Nitrophenol
Concen: 2.232 ng
RT: 14.651 min Scan# 1
Delta R.T. -0.047 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:139 Resp: 3875

Ion	Ratio	Lower	Upper
139	100		
109	314.1	42.2	82.2#
65	71.1	57.3	97.3

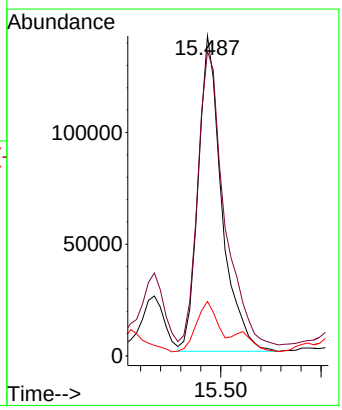


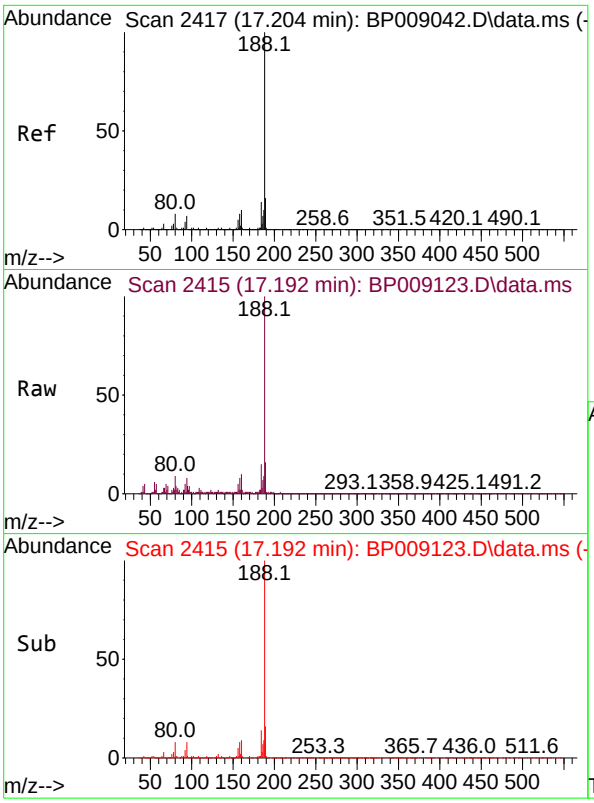


#58
Fluorene
Concen: 5.487 ng
RT: 15.487 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:166 Resp: 229841

Ion	Ratio	Lower	Upper
166	100		
165	95.3	77.2	115.8
167	17.0	11.2	16.8#



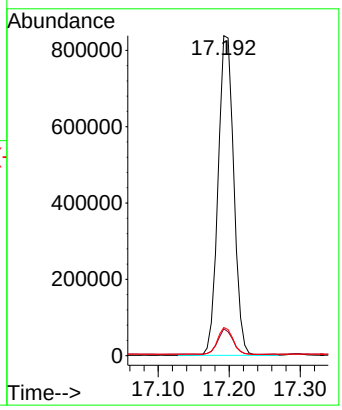


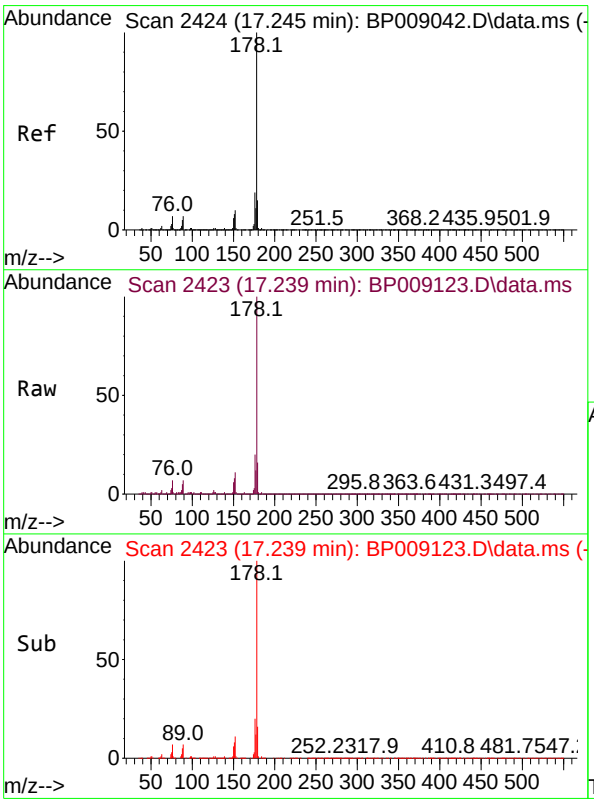
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:188 Resp: 1280497

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	8.8	7.2	10.8

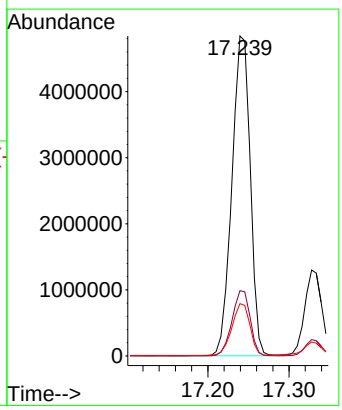


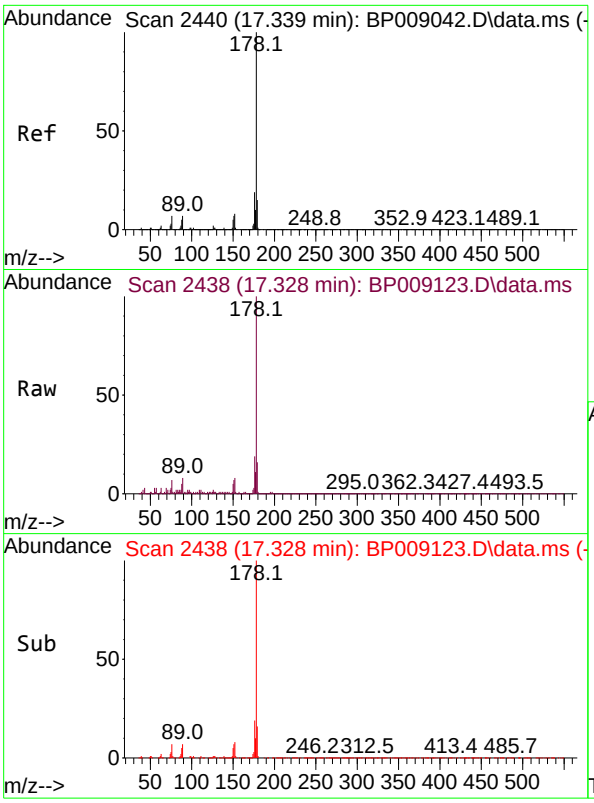


#71
Phenanthrene
Concen: 109.439 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:178 Resp: 7587957

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	16.3	13.0	19.4



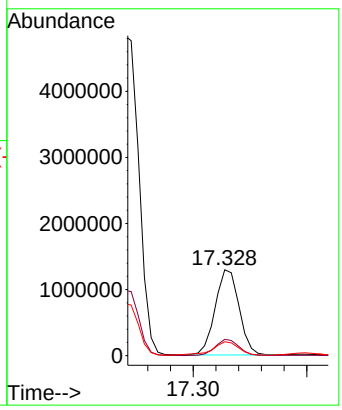


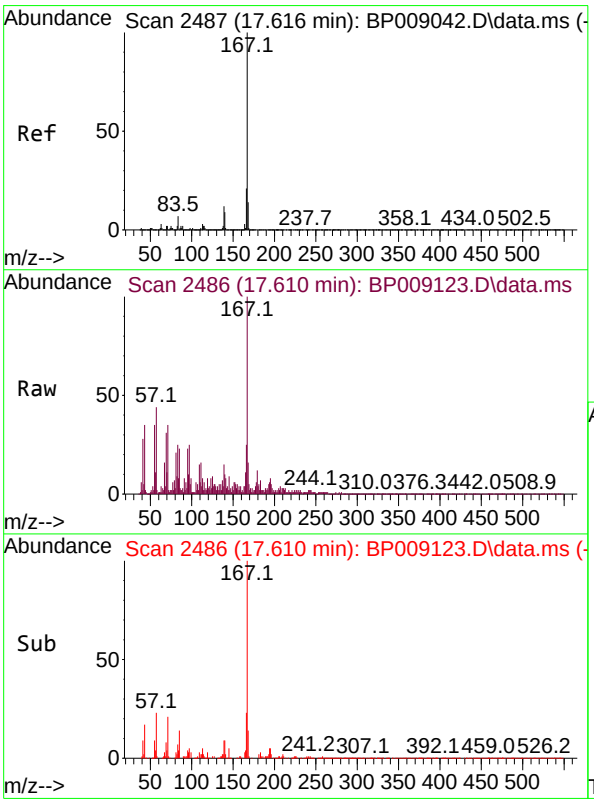
#72
Anthracene
Concen: 27.842 ng
RT: 17.328 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:178 Resp: 1888643

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.1	12.8	19.2

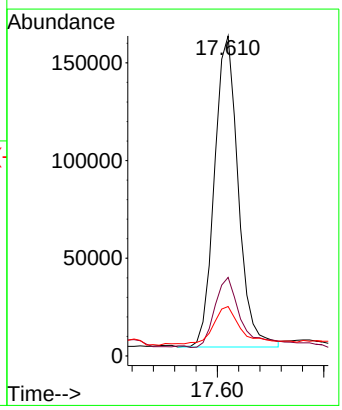


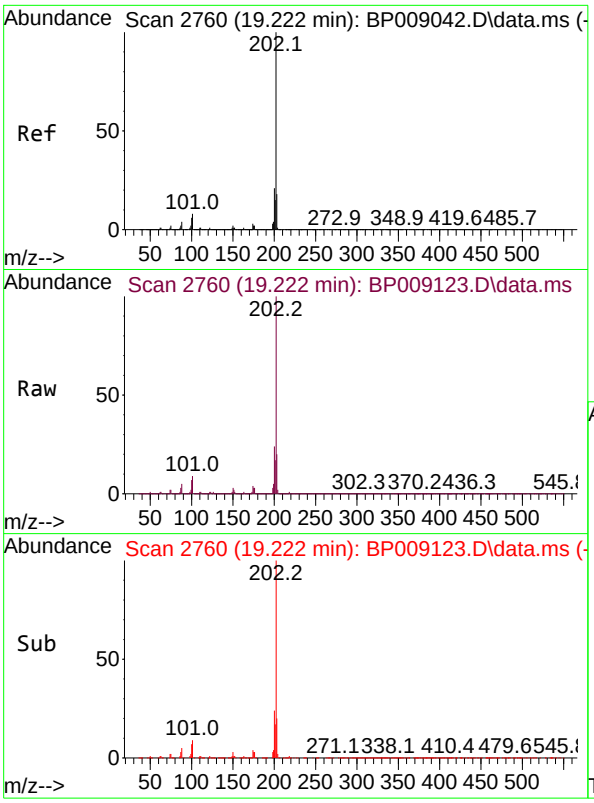


#73
Carbazole
Concen: 3.790 ng
RT: 17.610 min Scan# 2486
Delta R.T. -0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:167 Resp: 246464

Ion	Ratio	Lower	Upper
167	100		
166	24.6	17.7	26.5
139	15.4	9.8	14.6#



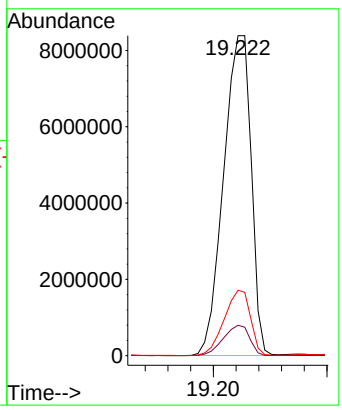


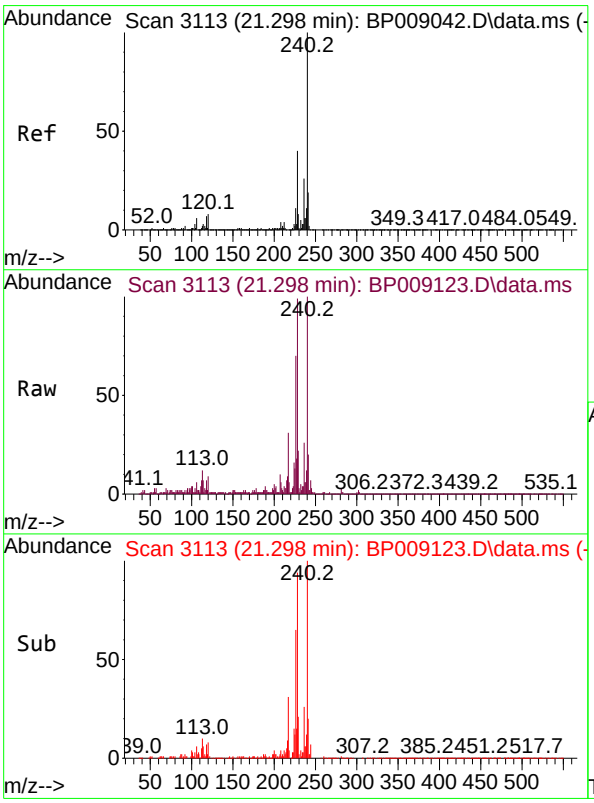
#75
Fluoranthene
Concen: 182.123 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:202 Resp:14152714

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.7
203	20.5	0.0	38.9

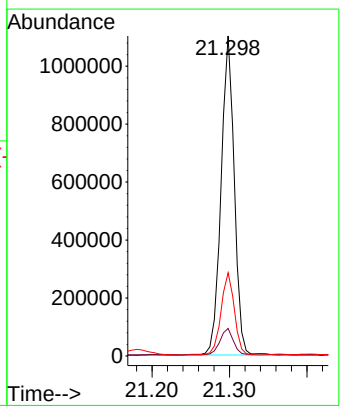


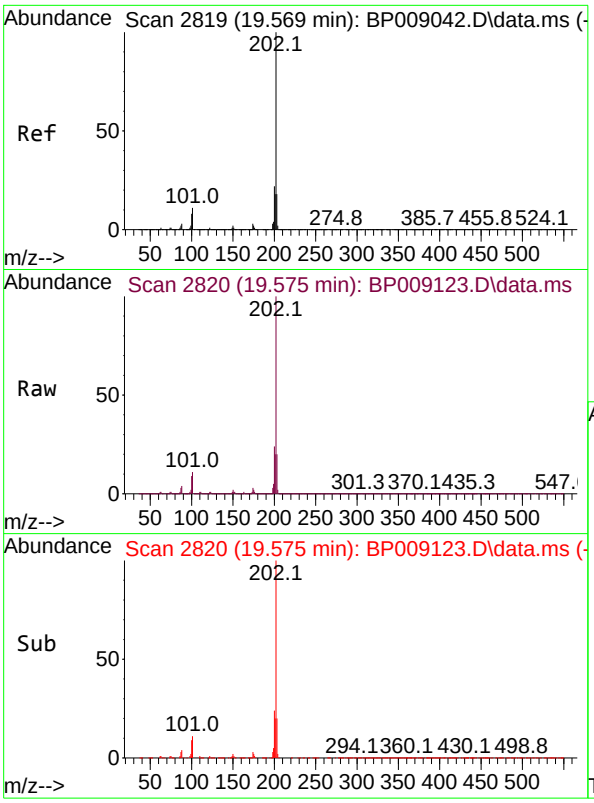


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:240 Resp: 1305759

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.7	11.5
236	26.0	21.2	31.8



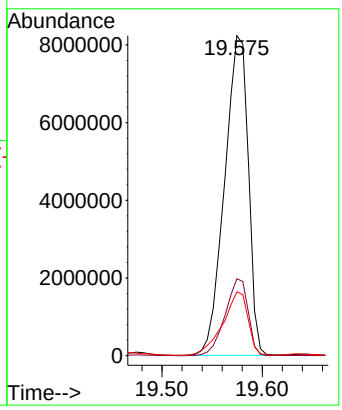


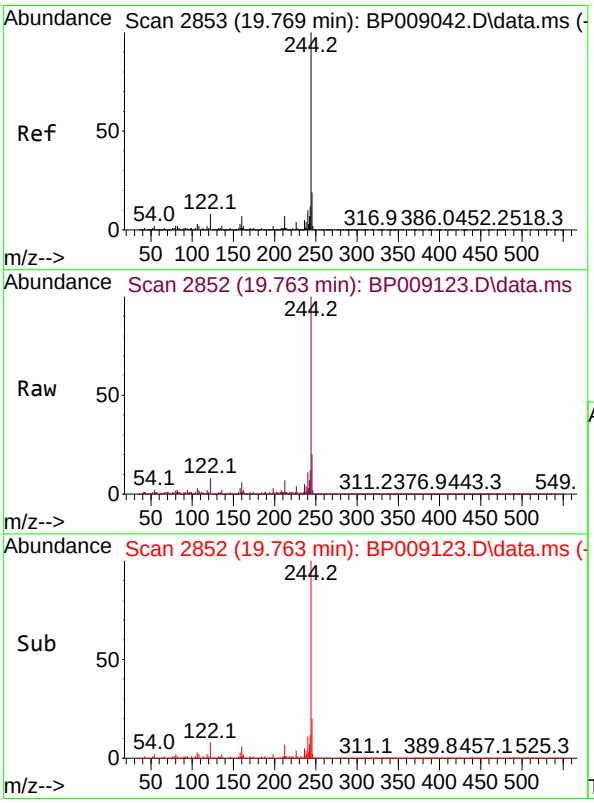
#78
Pyrene
Concen: 145.468 ng
RT: 19.575 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:202 Resp:13512108

Ion	Ratio	Lower	Upper
202	100		
200	24.1	18.0	27.0
203	19.9	15.0	22.6

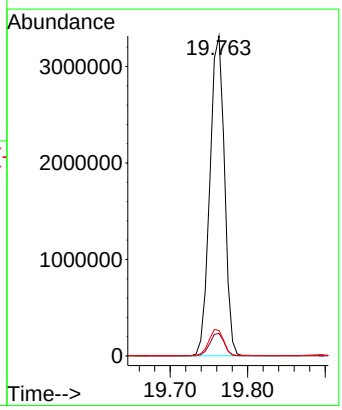


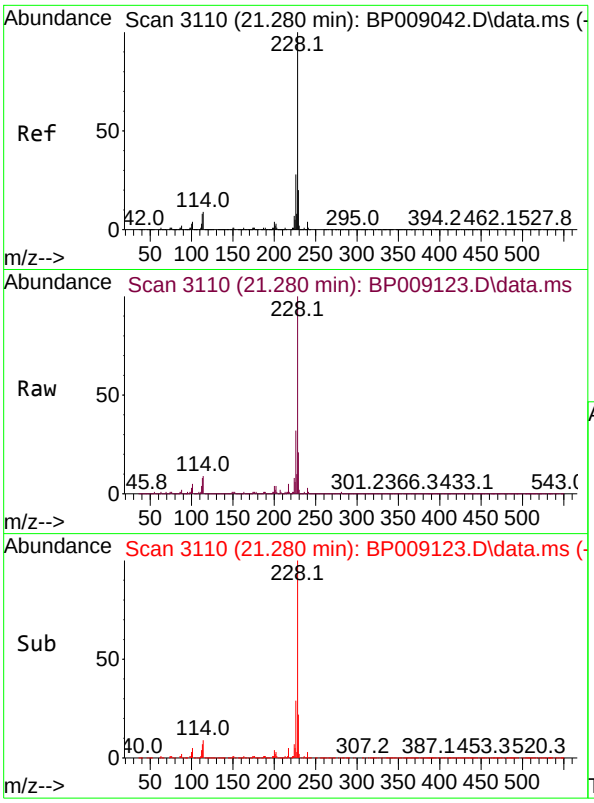


#79
Terphenyl-d14
Concen: 59.856 ng
RT: 19.763 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:244 Resp: 4346087

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	8.0	9.2	13.8#



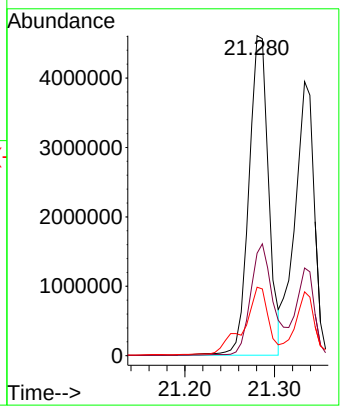


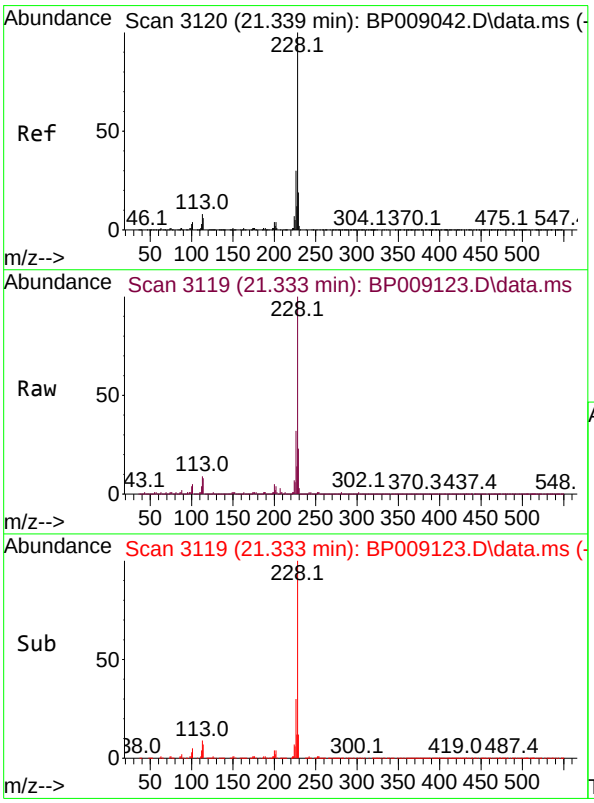
#81
Benzo(a)anthracene
Concen: 83.235 ng
RT: 21.280 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:228 Resp: 7003914

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.3	34.9
229	21.4	17.0	25.6

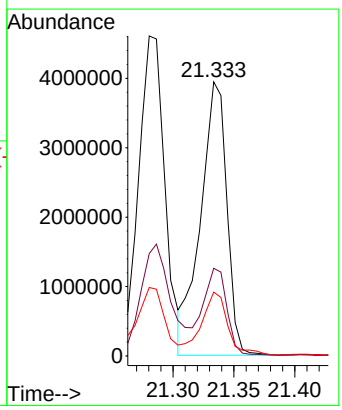


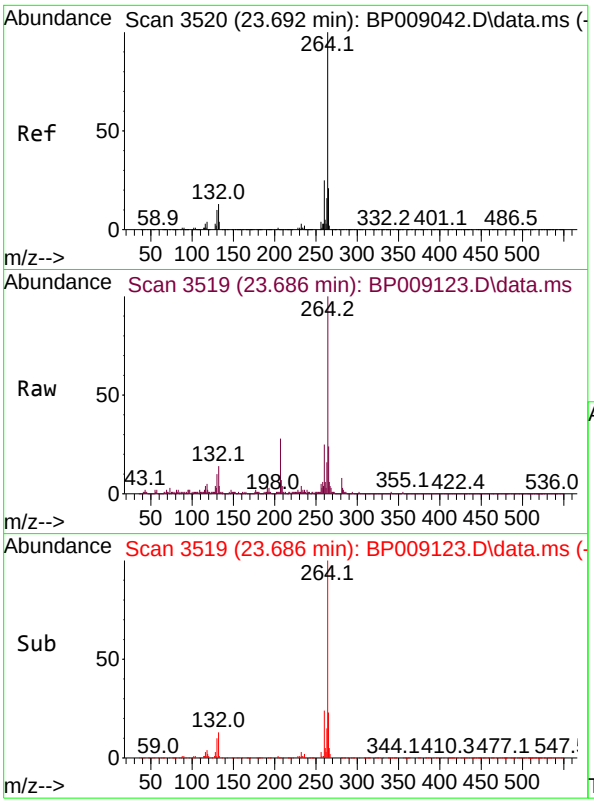


#83
Chrysene
Concen: 72.964 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:228 Resp: 5918699

Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.0	39.0
229	23.3	16.9	25.3



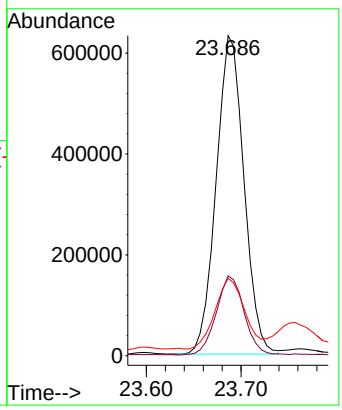


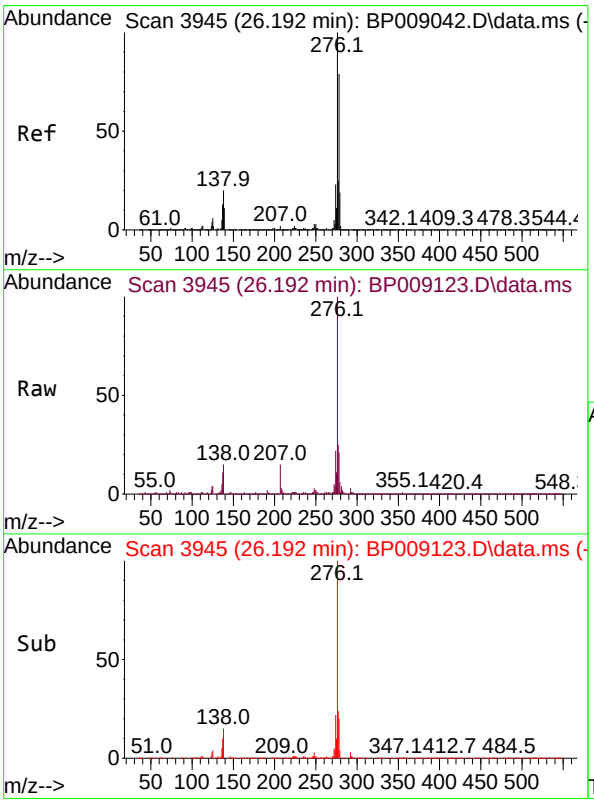
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.686 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:264 Resp: 1288181

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.1	28.7
265	24.2	17.1	25.7

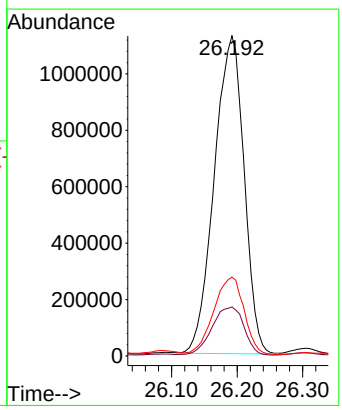


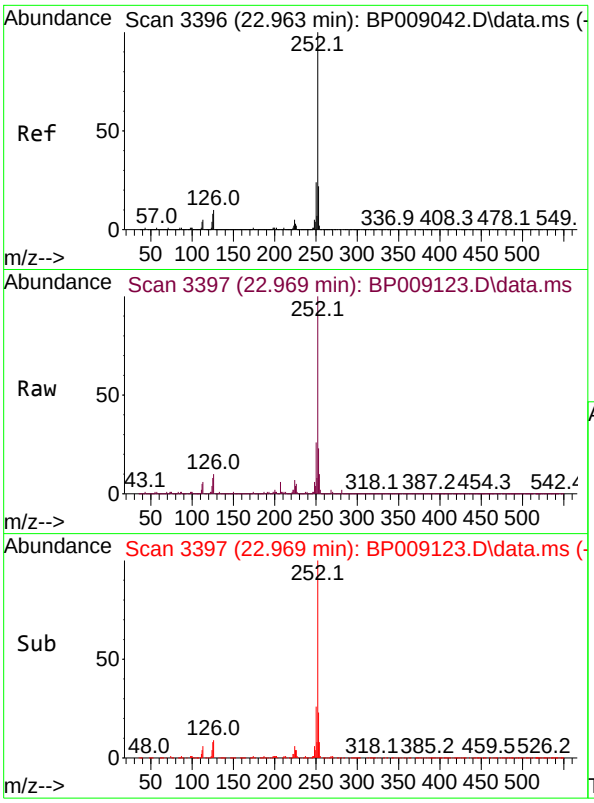


#87
Indeno(1,2,3-cd)pyrene
Concen: 37.120 ng
RT: 26.192 min Scan# 3945
Delta R.T. 0.000 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:276 Resp: 3552912

Ion	Ratio	Lower	Upper
276	100		
138	16.2	17.8	26.6#
277	25.0	20.4	30.6



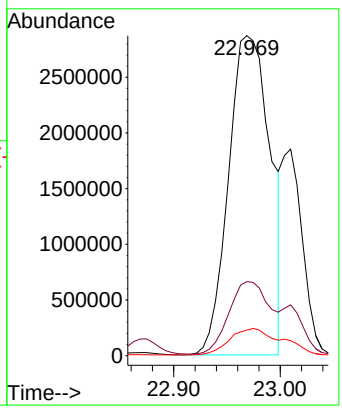


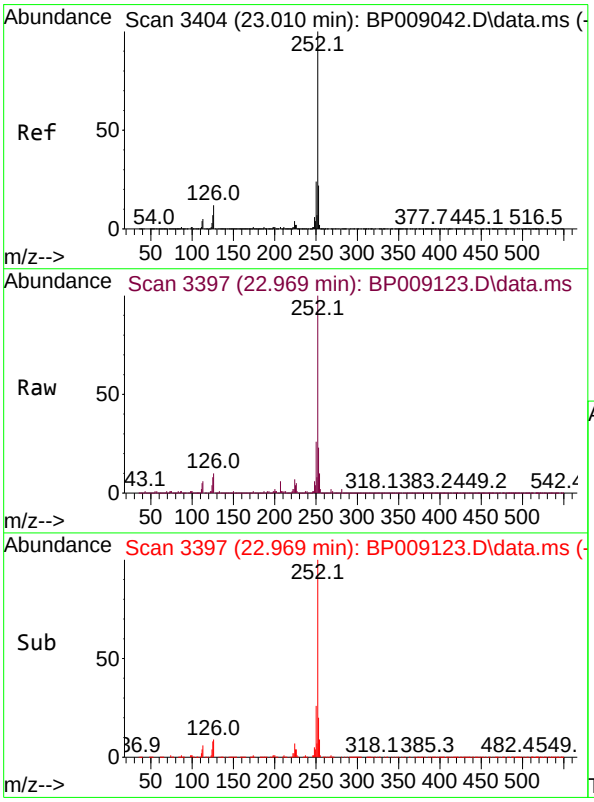
#88
Benzo(b)fluoranthene
Concen: 98.420 ng
RT: 22.969 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:252 Resp: 7804916

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	8.0	6.9	10.3

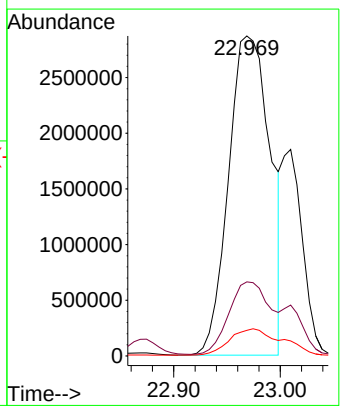


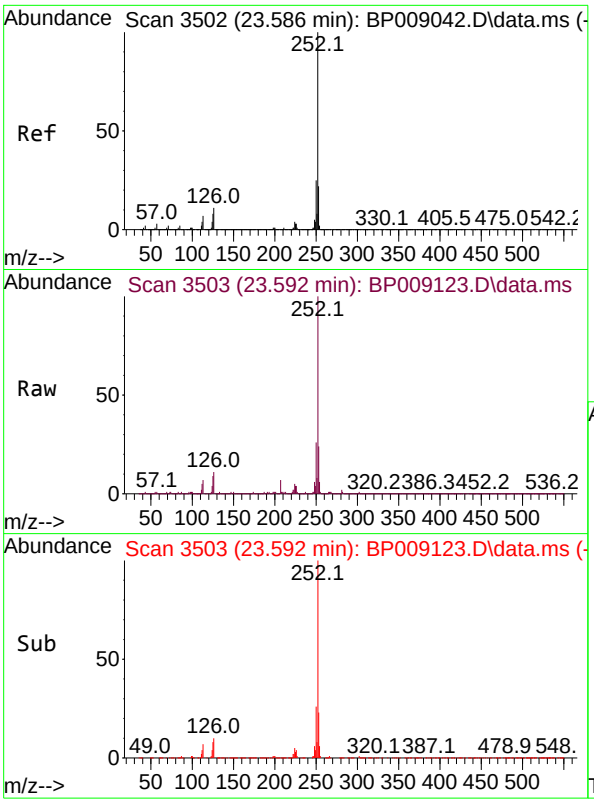


#89
Benzo(k)fluoranthene
Concen: 98.648 ng
RT: 22.969 min Scan# 3397
Delta R.T. -0.041 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:252 Resp: 7804916

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	8.0	7.3	10.9



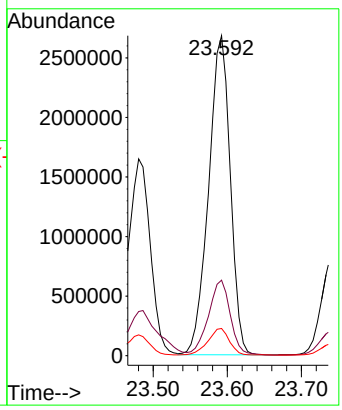


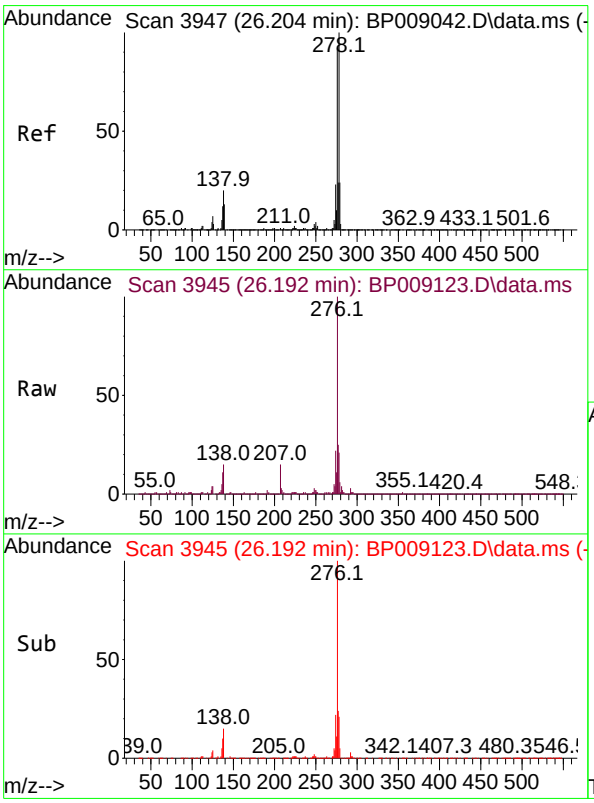
#90
Benzo(a)pyrene
Concen: 82.182 ng
RT: 23.592 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:252 Resp: 5433592

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	8.5	7.8	11.6

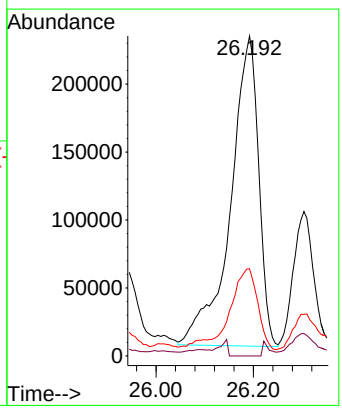


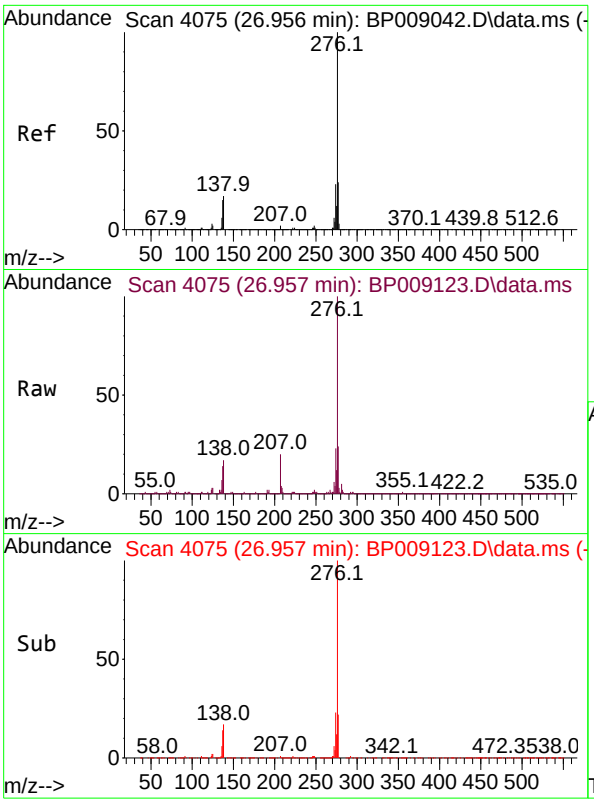


#91
Dibenzo(a,h)anthracene
Concen: 11.633 ng
RT: 26.192 min Scan# 3945
Delta R.T. -0.012 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:278 Resp: 915027

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.5	17.3#
279	27.3	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 42.027 ng
RT: 26.957 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:276 Resp: 3291376

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	17.1	15.0	22.4