Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Quant Time: Feb 12 00:41:25 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	288892	20.000	ng		-0.01
21) Naphthalene-d8	10.593	136	1191585	20.000	ng		-0.01
39) Acenaphthene-d10	14.439	164	838463	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1770227	20.000	ng		0.00
76) Chrysene-d12	21.298	240	1508672	20.000	ng		0.00
86) Perylene-d12	23.698	264	1505667	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	625031	38.593	ng		0.00
7) Phenol-d6	6.993	99	868026	40.676	ng		0.00
23) Nitrobenzene-d5	8.957	82	518106	24.520	ng		-0.01
42) 2,4,6-Tribromophenol	15.939	330	505793	45.180	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	1592735	26.592	ng		-0.01
79) Terphenyl-d14	19.763	244	2411015	28.739	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.640	128	297011	4.887	ng		99
32) Benzoic acid	9.975	122	81	2.696	ng	#	1
37) 2-Methylnaphthalene	12.257	142	350426	8.148	ng		97
38) 1-Methylnaphthalene	12.475	142	427261	10.167	ng		98
41) Hexachlorocyclopentadiene	12.592	237	68	8.662	ng		77
49) Acenaphthylene	14.157	152	836151	11.330	ng		97
52) Acenaphthene	14.504	154	385580	8.587	ng		98
54) 2,4-Dinitrophenol	14.586	184	226	2.209	ng	#	1
55) Dibenzofuran	14.839	168	359692	4.755	ng	#	87
56) 4-Nitrophenol	14.728	139	5295	2.222	ng	#	68
58) Fluorene	15.492	166	1043040	17.946	ng		99
71) Phenanthrene	17.245	178	5660881	59.058	ng		100
72) Anthracene	17.333	178	1862103	19.856	ng		99
73) Carbazole	17.610	167	213218	2.372	ng		95
75) Fluoranthene	19.221	202	5184476	48.259	ng		97
78) Pyrene	19.574	202	5944357	55.388	ng		99
81) Benzo(a)anthracene	21.280	228	2655520	27.314	ng		98
83) Chrysene	21.333	228	2423724	25.860	ng		98
87) Indeno(1,2,3-cd)pyrene	26.203	276	1185370	10.596	ng	#	93
88) Benzo(b)fluoranthene	22.968	252	3243625	34.994	ng		97
89) Benzo(k)fluoranthene	22.968	252	3243625	35.075	ng		98
90) Benzo(a)pyrene	23.598	252	2153333	27.864	ng		98
91) Dibenzo(a,h)anthracene	26.203	278	360929	3.926	ng	#	87
92) Benzo(g,h,i)perylene	26.980	276	1194265	13.047	ng		96

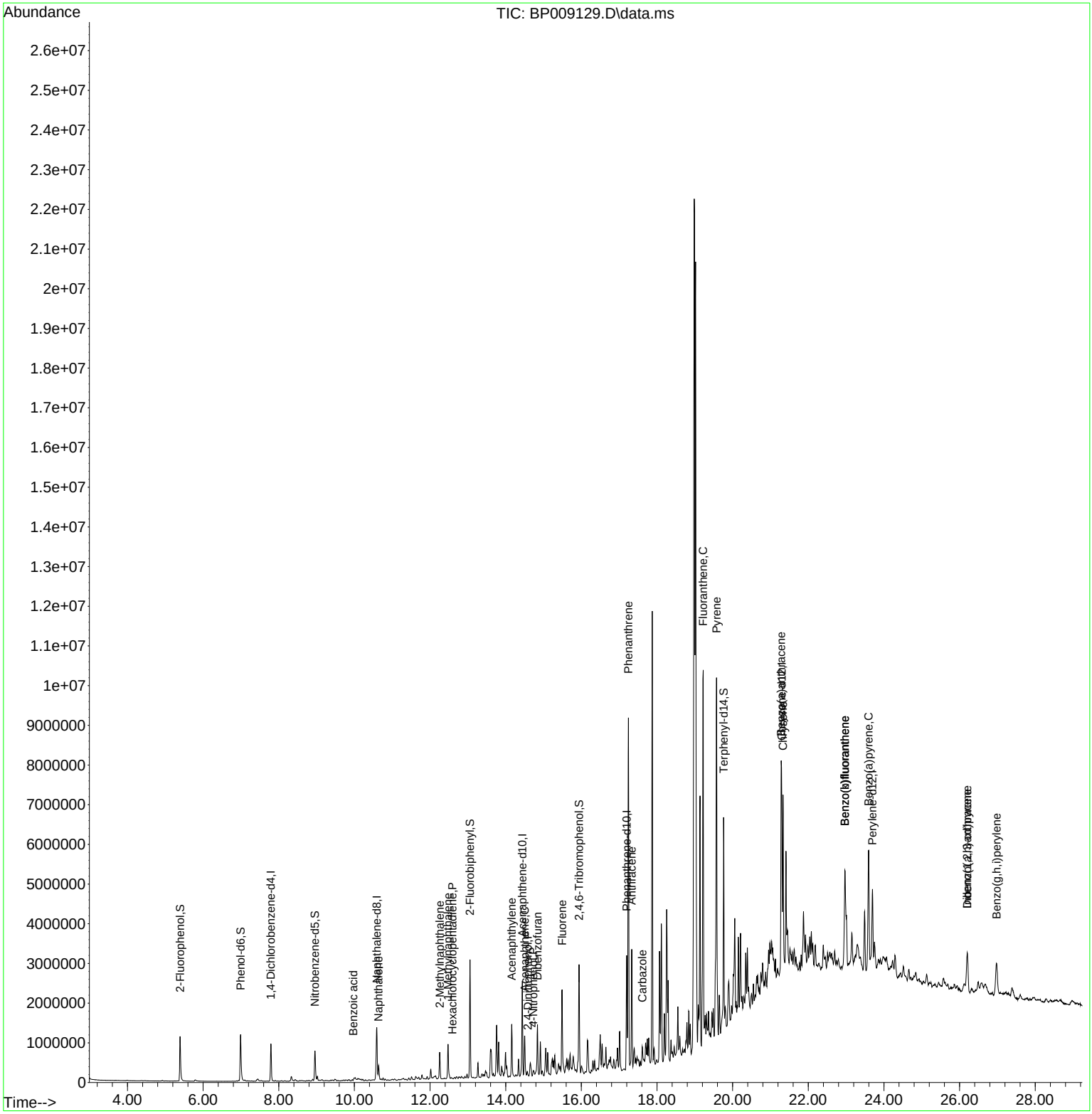
(#) = qualifier out of range (m) = manual integration (+) = signals summed

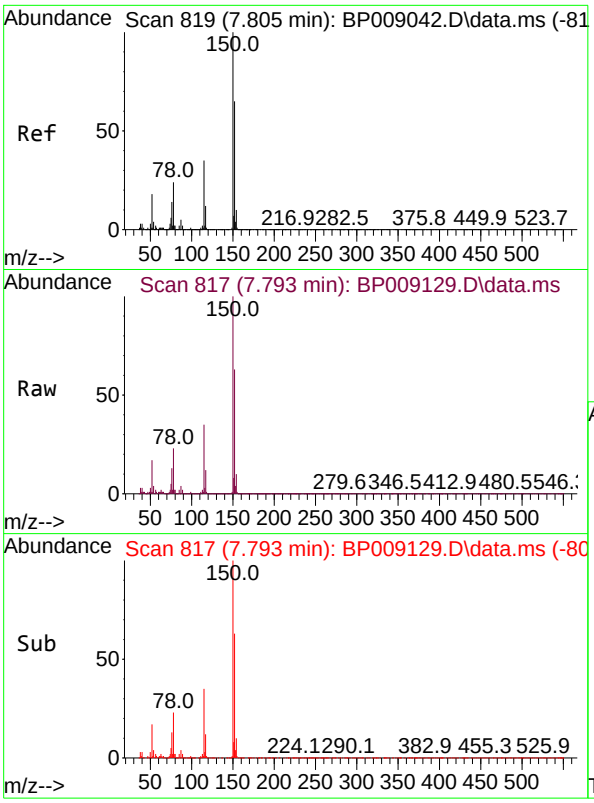
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Quant Time: Feb 12 00:41:25 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



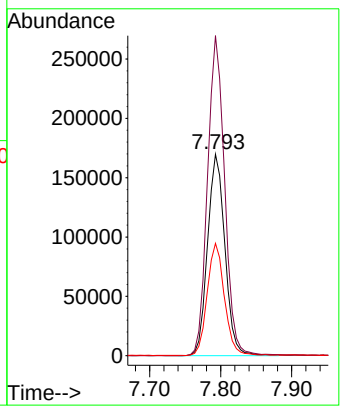


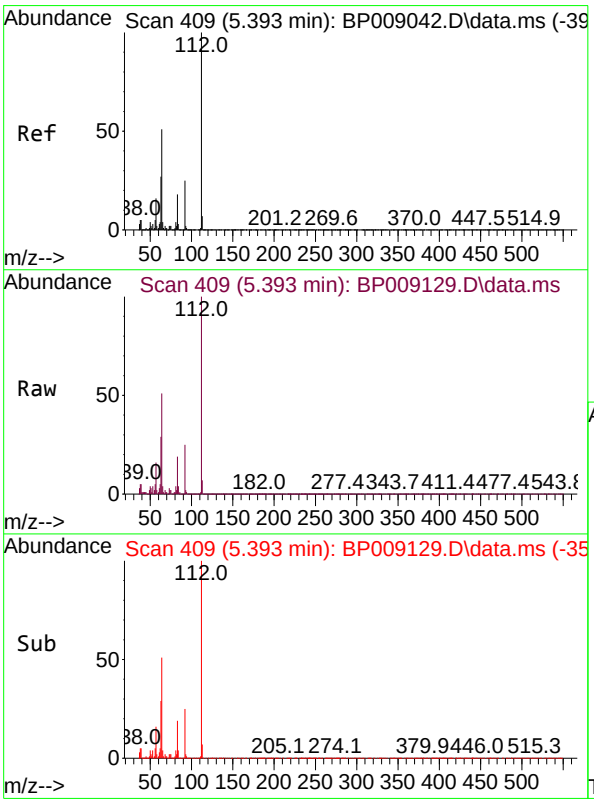
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:152 Resp: 288892

Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.0	190.6
115	55.8	43.7	65.5

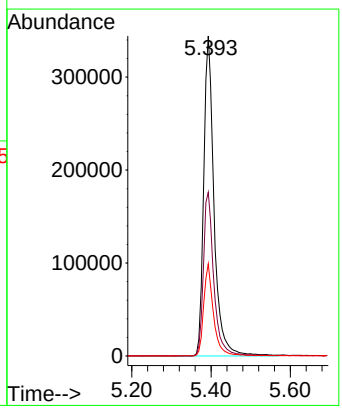


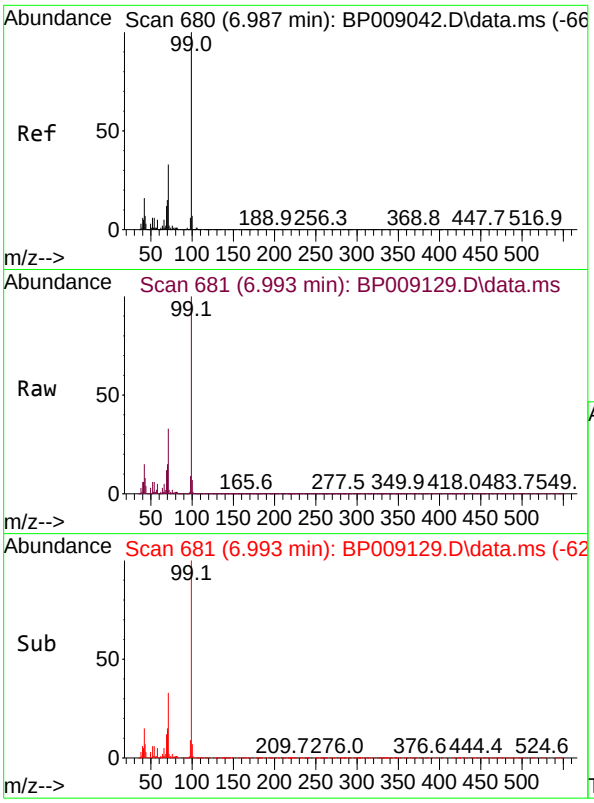


#5
2-Fluorophenol
Concen: 38.593 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:112 Resp: 625031

Ion	Ratio	Lower	Upper
112	100		
64	51.2	39.7	59.5
63	28.8	20.0	30.0



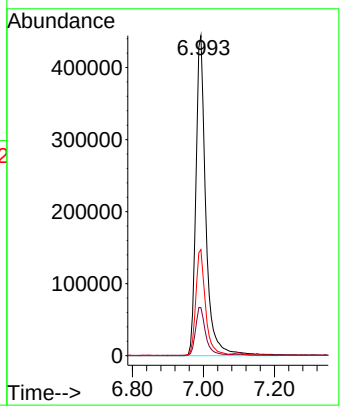


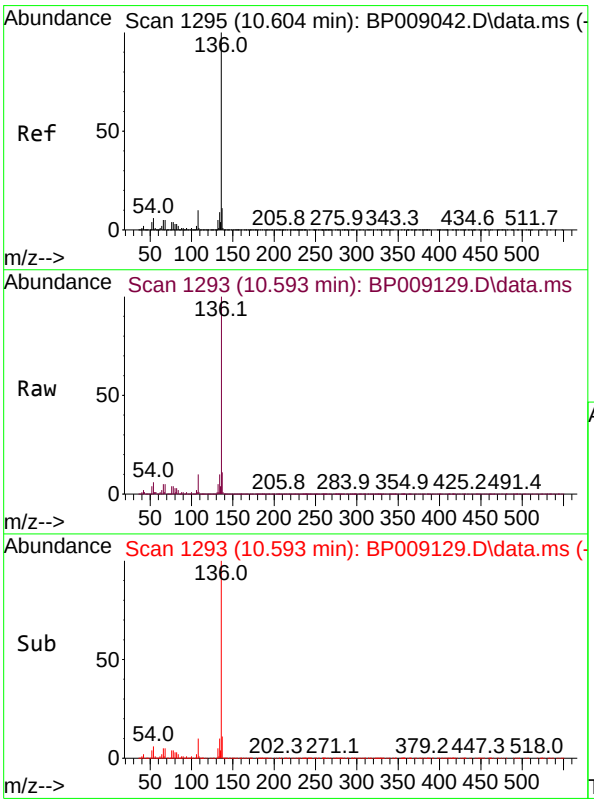
#7
Phenol-d6
Concen: 40.676 ng
RT: 6.993 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion: 99 Resp: 868026

Ion	Ratio	Lower	Upper
99	100		
42	15.0	10.8	16.2
71	33.2	23.8	35.6

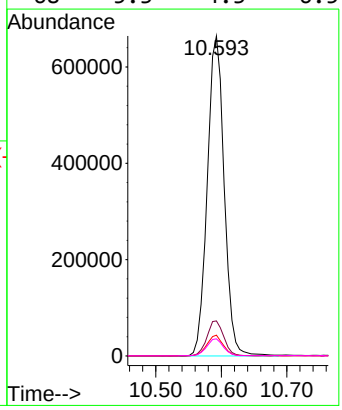


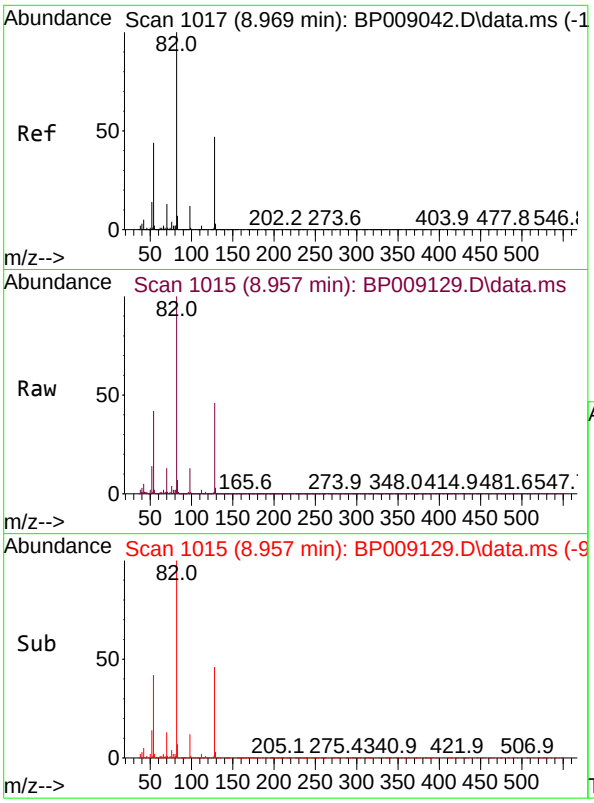


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.011 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:136 Resp: 1191585

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.5	4.9	7.3
68	5.3	4.3	6.5



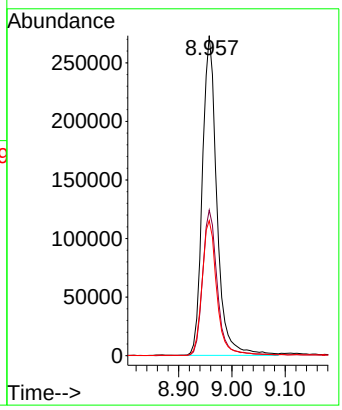


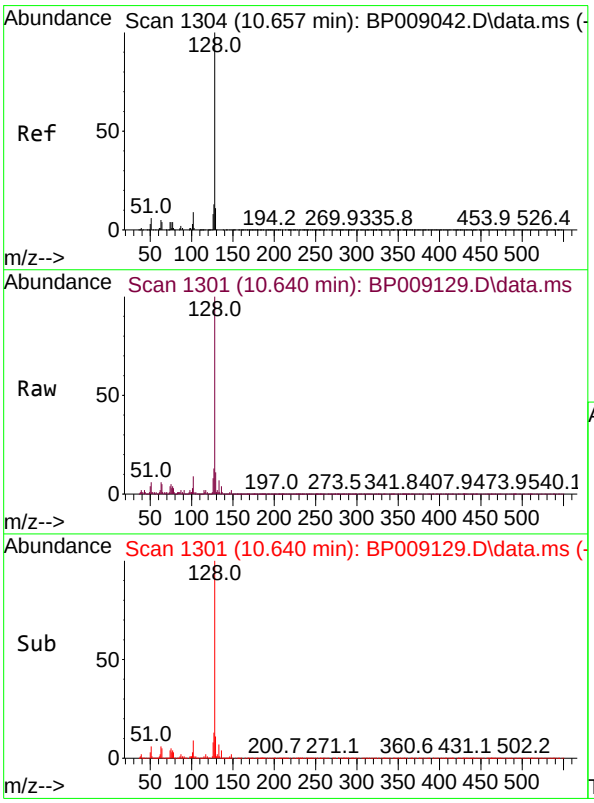
#23
Nitrobenzene-d5
Concen: 24.520 ng
RT: 8.957 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion: 82 Resp: 518106

Ion	Ratio	Lower	Upper
82	100		
128	45.5	39.4	59.2
54	42.2	32.6	48.8

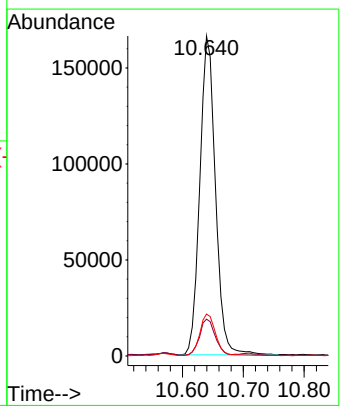


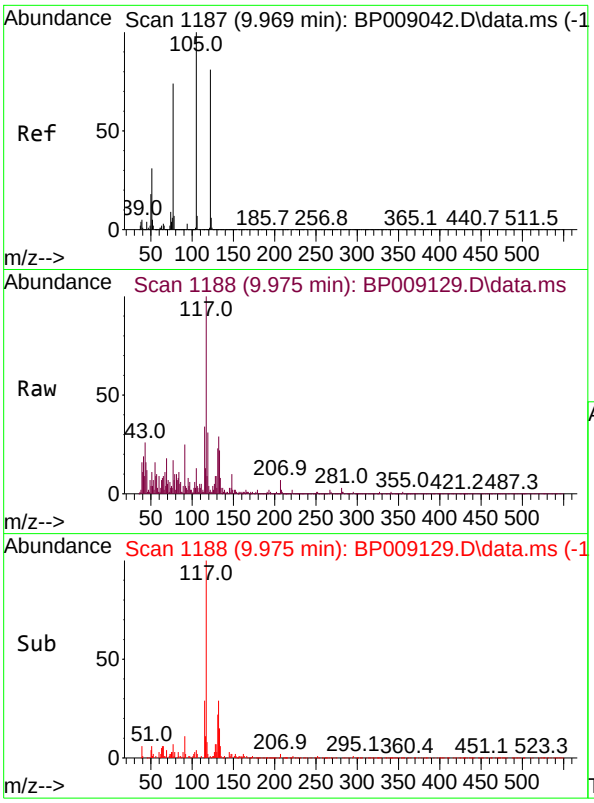


#31
Naphthalene
Concen: 4.887 ng
RT: 10.640 min Scan# 1301
Delta R.T. -0.018 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:128 Resp: 297011

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.1	10.4	15.6



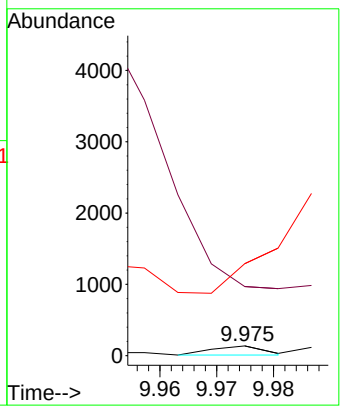


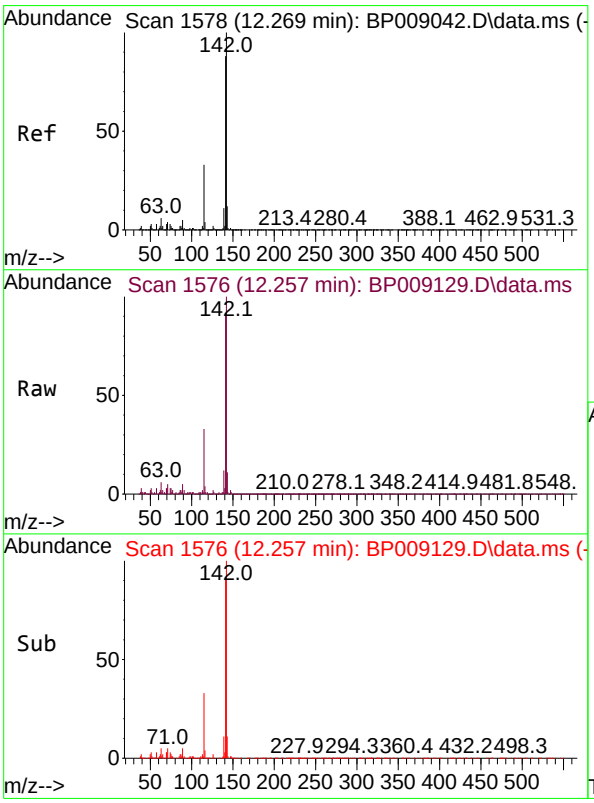
#32
Benzoic acid
Concen: 2.696 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:122 Resp: 81

Ion	Ratio	Lower	Upper
122	100		
105	713.2	100.1	140.1#
77	948.5	65.5	105.5#

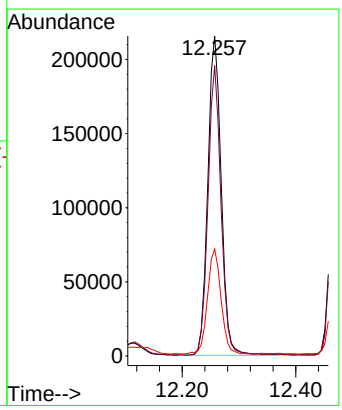


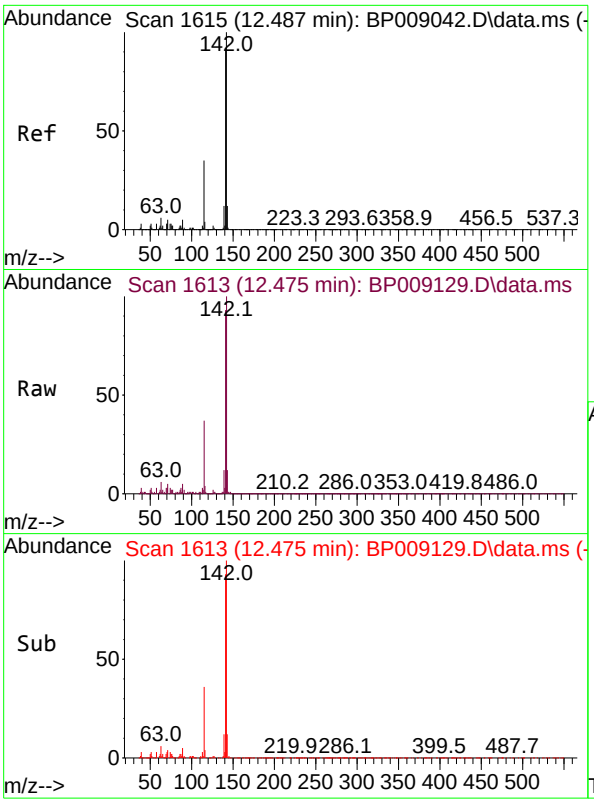


#37
2-Methylnaphthalene
Concen: 8.148 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:142 Resp: 350426

Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.5	105.7
115	33.4	24.6	36.8



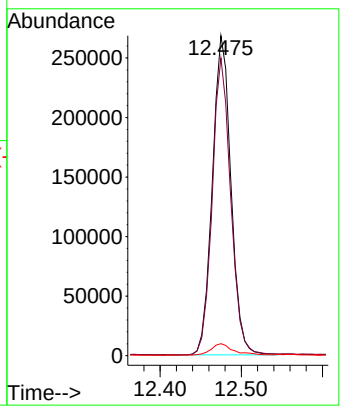


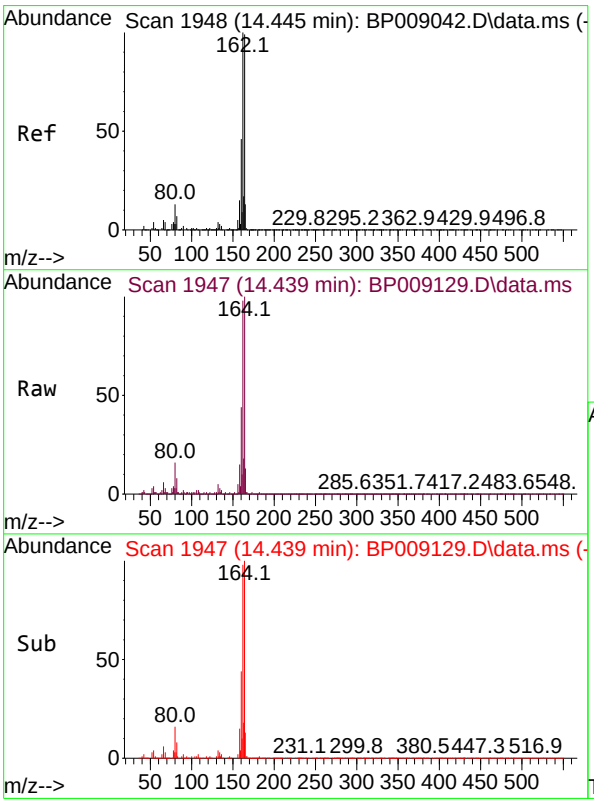
#38
1-Methylnaphthalene
Concen: 10.167 ng
RT: 12.475 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:142 Resp: 427261

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.2	109.8
116	3.8	2.7	4.1

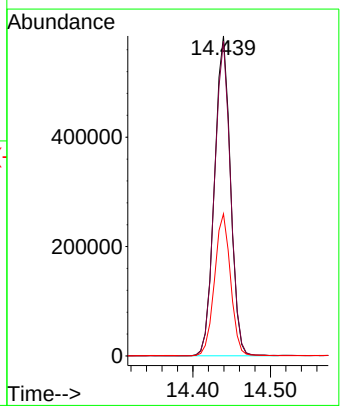


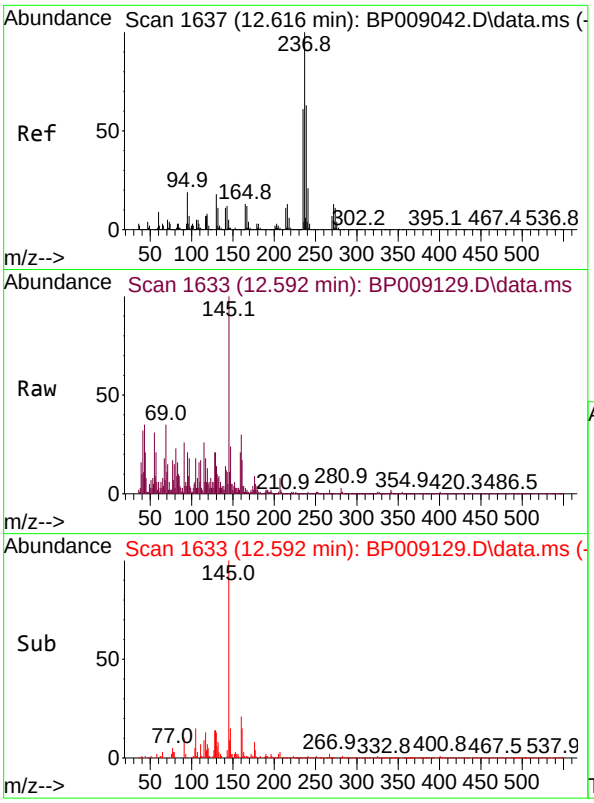


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:164 Resp: 838463

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.9	119.9
160	44.4	35.5	53.3



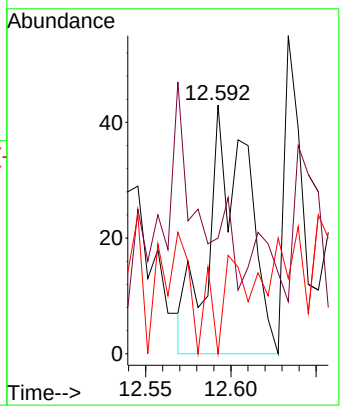


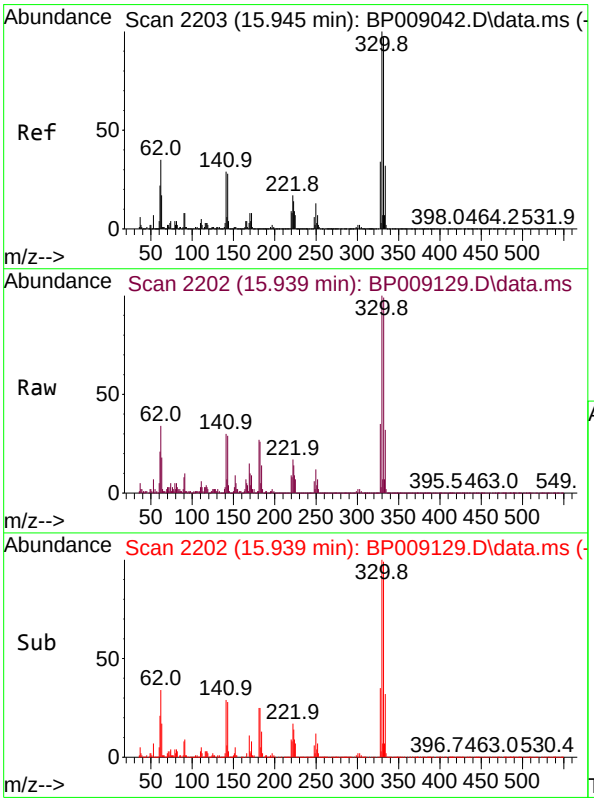
#41
Hexachlorocyclopentadiene
Concen: 8.662 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:237 Resp: 68

Ion	Ratio	Lower	Upper
237	100		
235	46.5	42.9	82.9
272	0.0	0.0	33.8

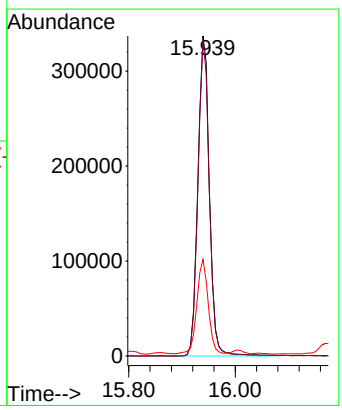


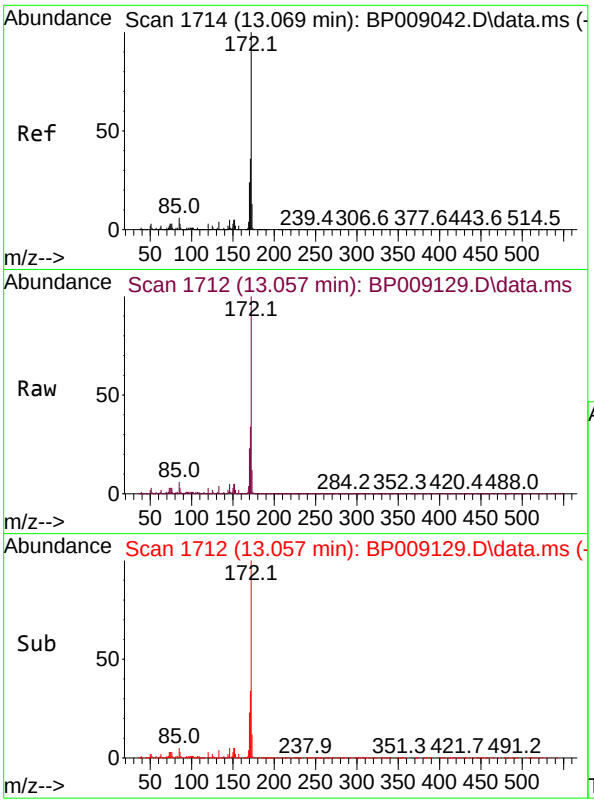


#42
2,4,6-Tribromophenol
Concen: 45.180 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:330 Resp: 505793

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.4
141	29.1	21.3	31.9



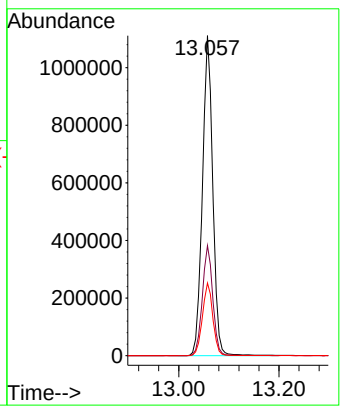


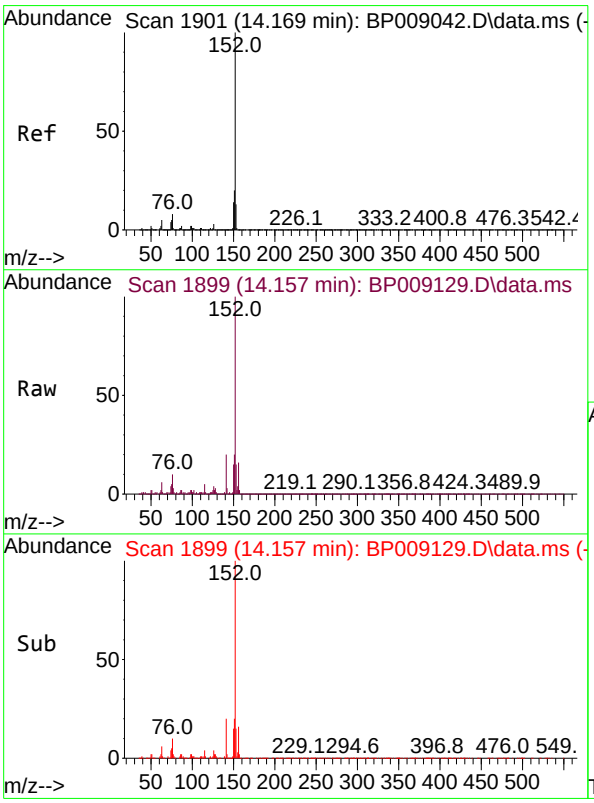
#45
2-Fluorobiphenyl
Concen: 26.592 ng
RT: 13.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:172 Resp: 1592735

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.3	43.9
170	22.7	19.5	29.3

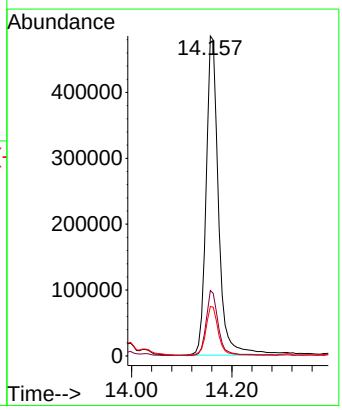


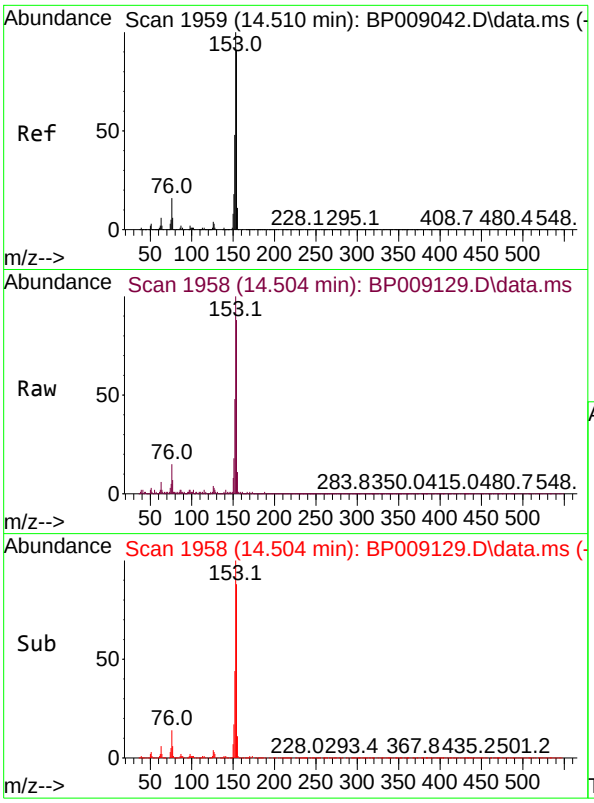


#49
Acenaphthylene
Concen: 11.330 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:152 Resp: 836151

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1
153	15.5	10.6	16.0



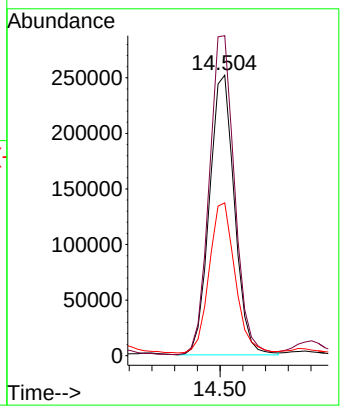


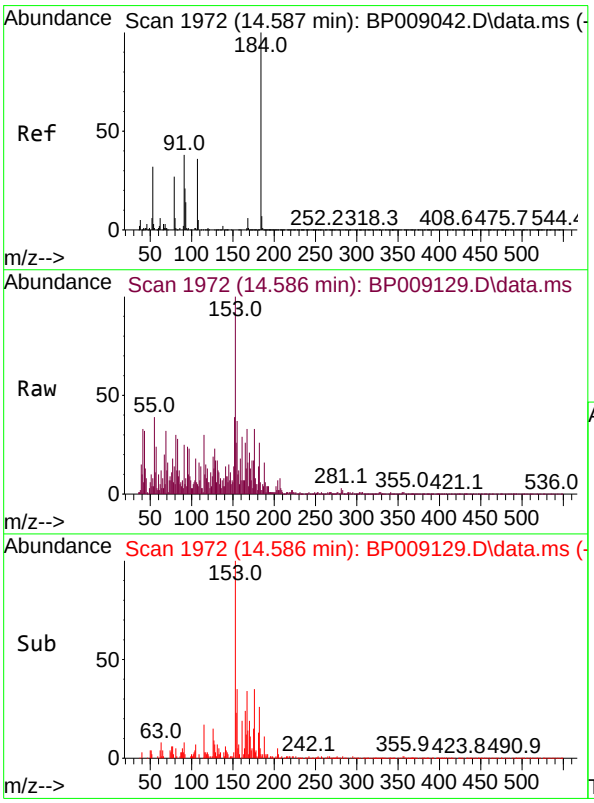
#52
Acenaphthene
Concen: 8.587 ng
RT: 14.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:154 Resp: 385580

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.4	134.2
152	54.5	42.6	63.8

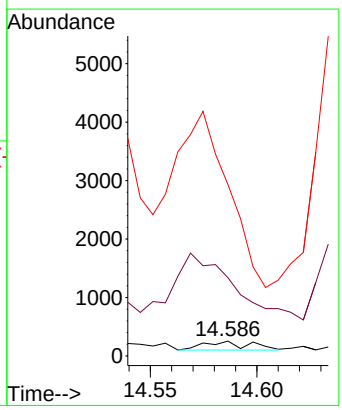


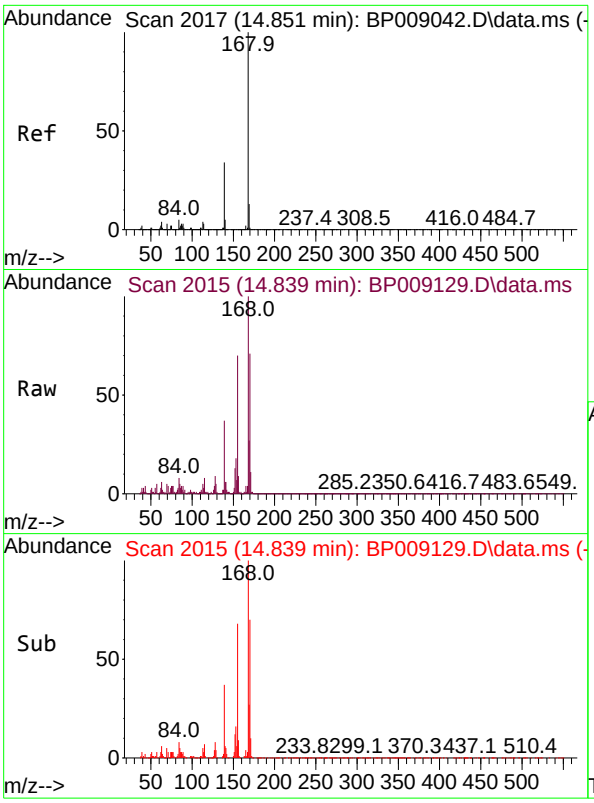


#54
2,4-Dinitrophenol
Concen: 2.209 ng
RT: 14.586 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:184 Resp: 226

Ion	Ratio	Lower	Upper
184	100		
63	525.1	35.6	53.4#
154	1149.8	43.4	65.0#



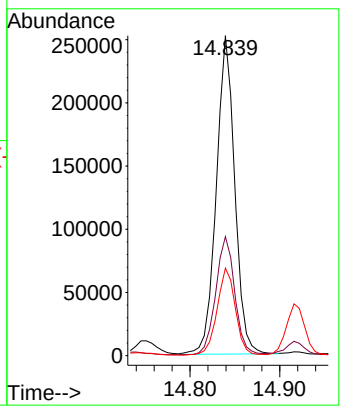


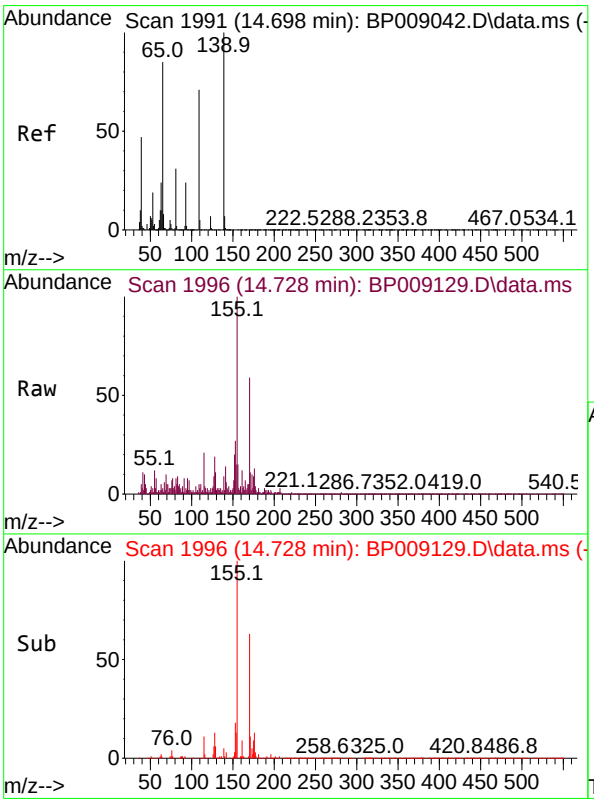
#55
Dibenzofuran
Concen: 4.755 ng
RT: 14.839 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:168 Resp: 359692

Ion	Ratio	Lower	Upper
168	100		
139	37.2	27.4	41.0
169	27.3	10.9	16.3#

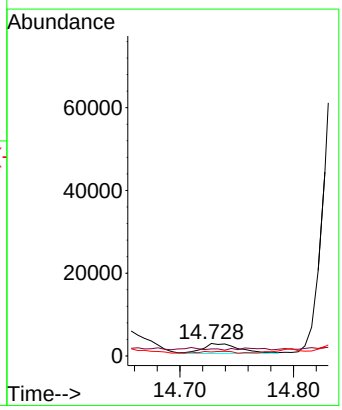


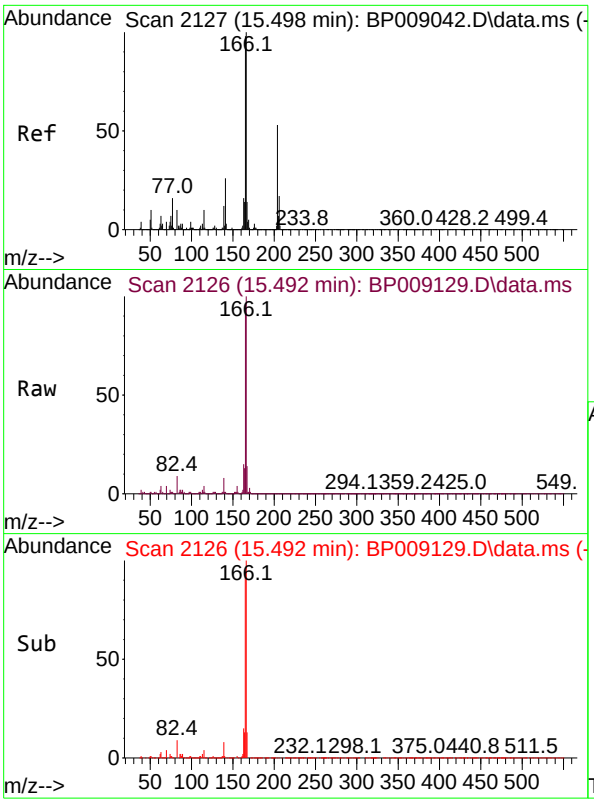


#56
4-Nitrophenol
Concen: 2.222 ng
RT: 14.728 min Scan# 1996
Delta R.T. 0.030 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:139 Resp: 5295

Ion	Ratio	Lower	Upper
139	100		
109	56.3	42.2	82.2
65	32.8	57.3	97.3#



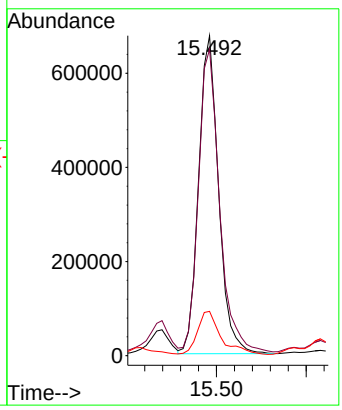


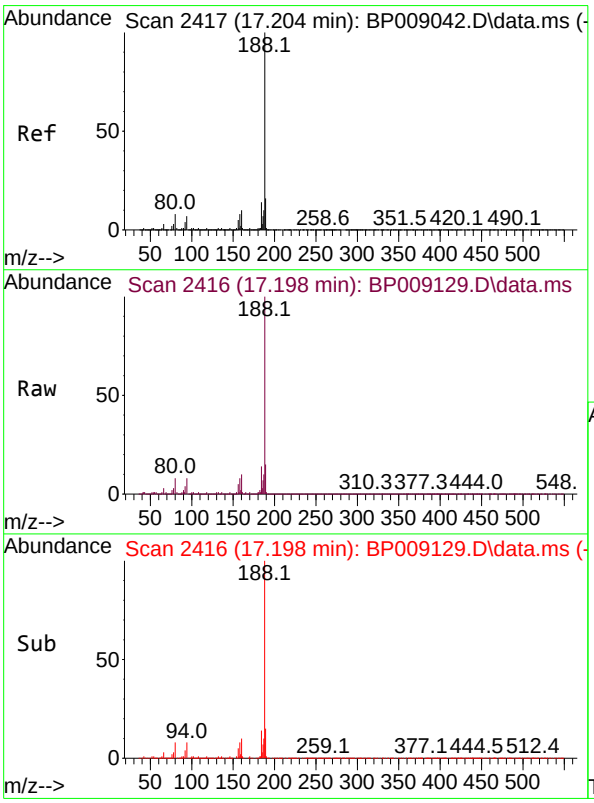
#58
Fluorene
Concen: 17.946 ng
RT: 15.492 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:166 Resp: 1043040

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.2	115.8
167	13.9	11.2	16.8

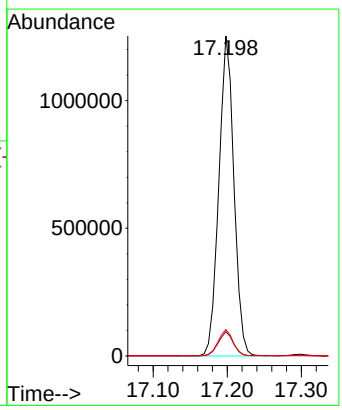


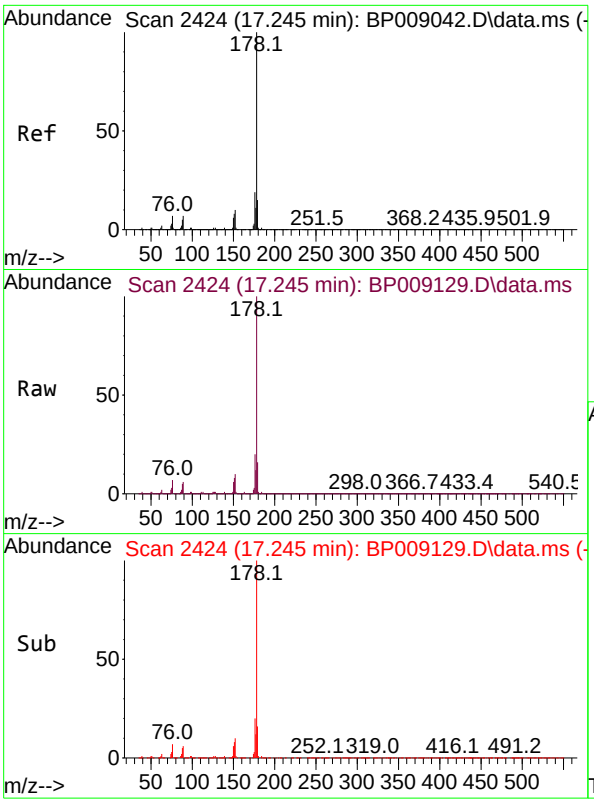


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:188 Resp: 1770227

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.8	10.2
80	8.3	7.2	10.8



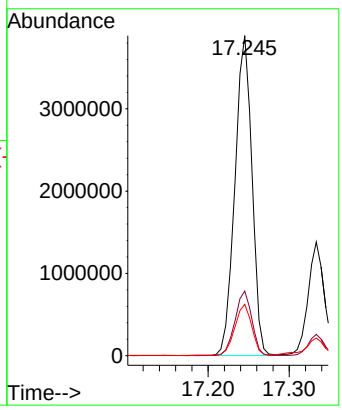


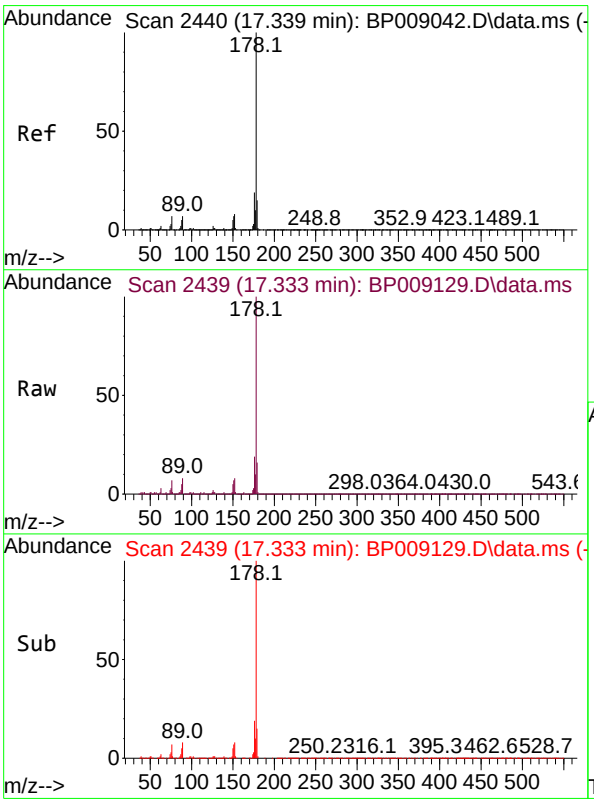
#71
Phenanthrene
Concen: 59.058 ng
RT: 17.245 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:178 Resp: 5660881

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.1	13.0	19.4

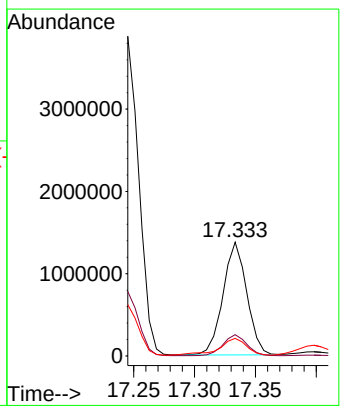


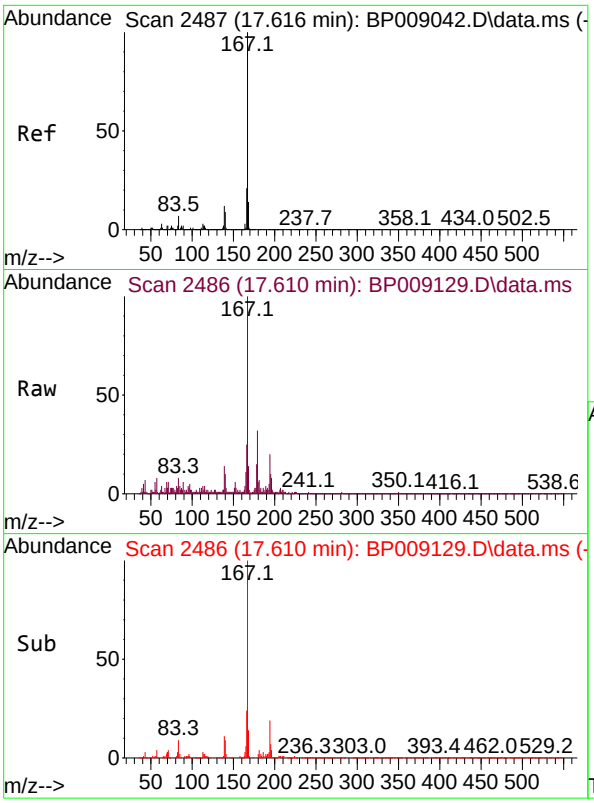


#72
Anthracene
Concen: 19.856 ng
RT: 17.333 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:178 Resp: 1862103

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.5	12.8	19.2



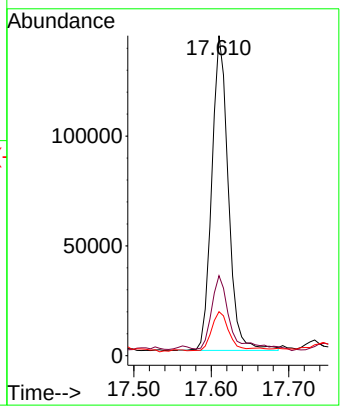


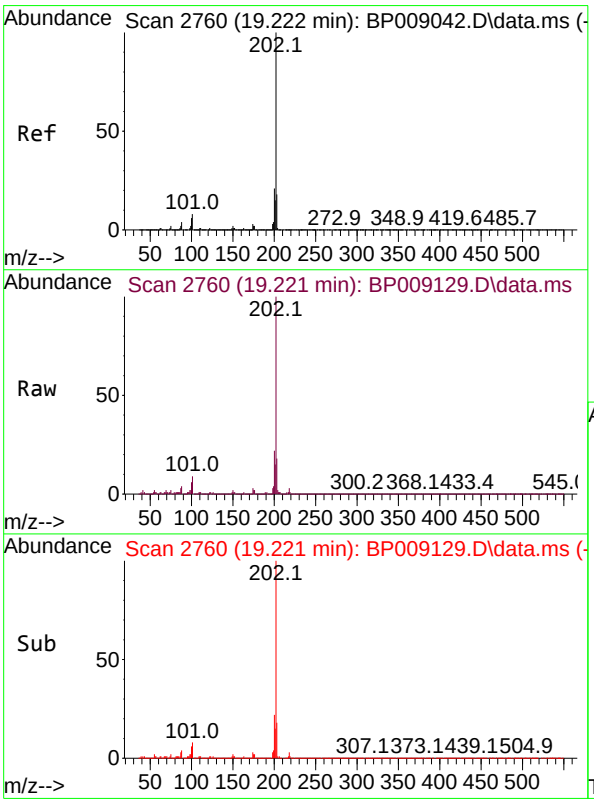
#73
Carbazole
Concen: 2.372 ng
RT: 17.610 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:167 Resp: 213218

Ion	Ratio	Lower	Upper
167	100		
166	25.0	17.7	26.5
139	13.7	9.8	14.6

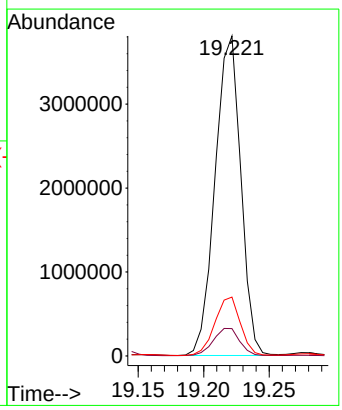


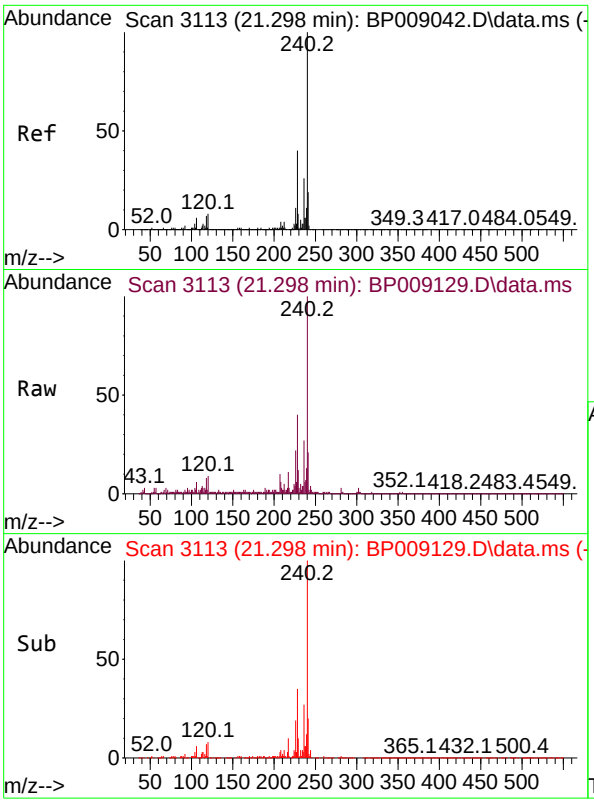


#75
Fluoranthene
Concen: 48.259 ng
RT: 19.221 min Scan# 2760
Delta R.T. -0.000 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:202 Resp: 5184476

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.7
203	18.4	0.0	38.9



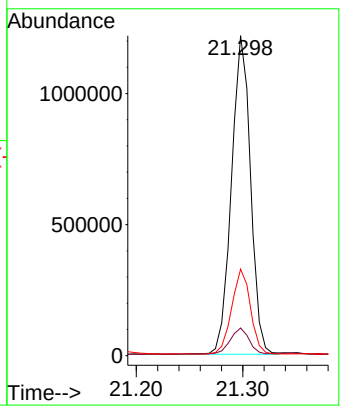


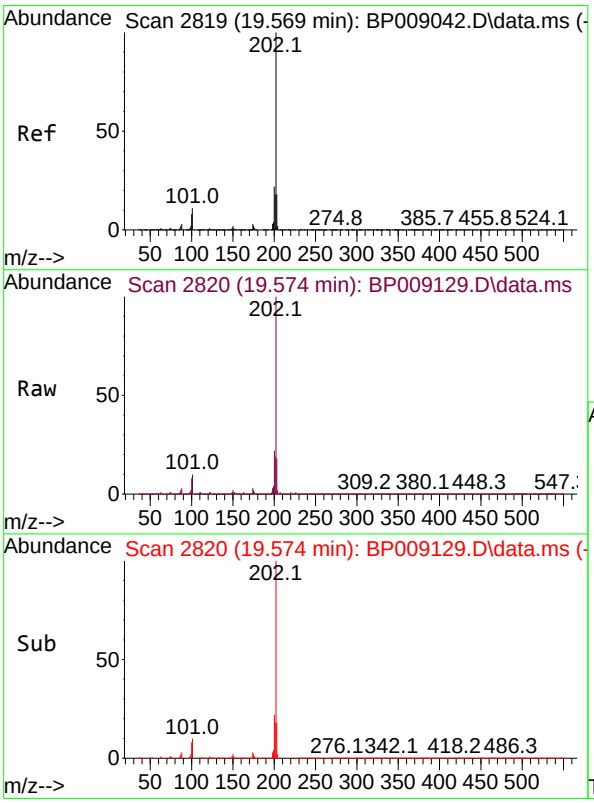
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:240 Resp: 1508672

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.7	11.5
236	27.1	21.2	31.8

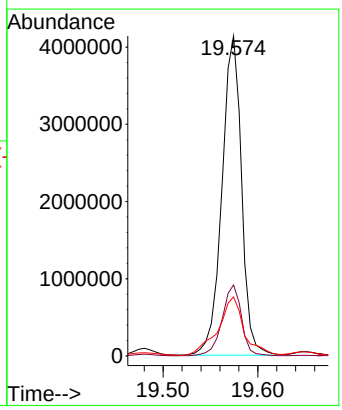


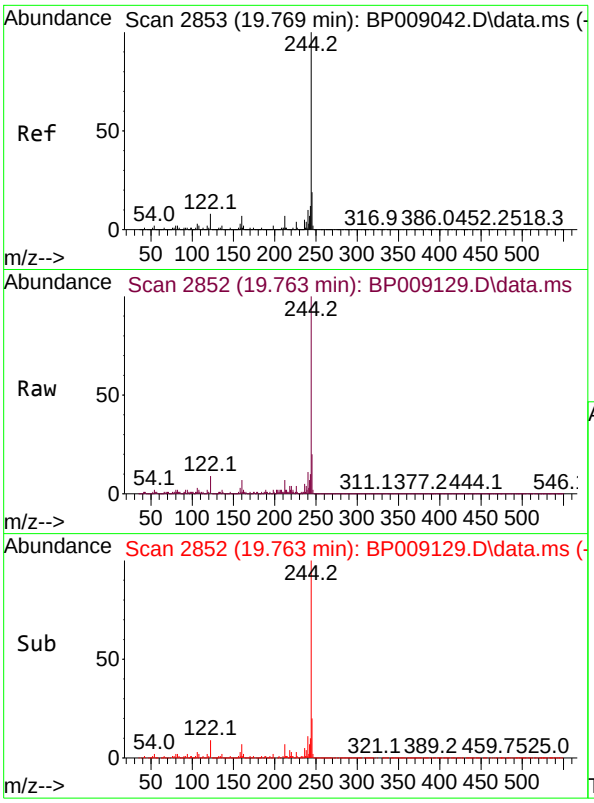


#78
Pyrene
Concen: 55.388 ng
RT: 19.574 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:202 Resp: 5944357

Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.0	27.0
203	18.5	15.0	22.6



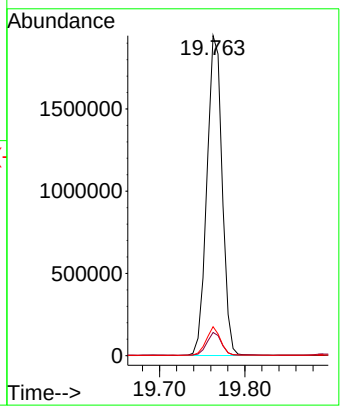


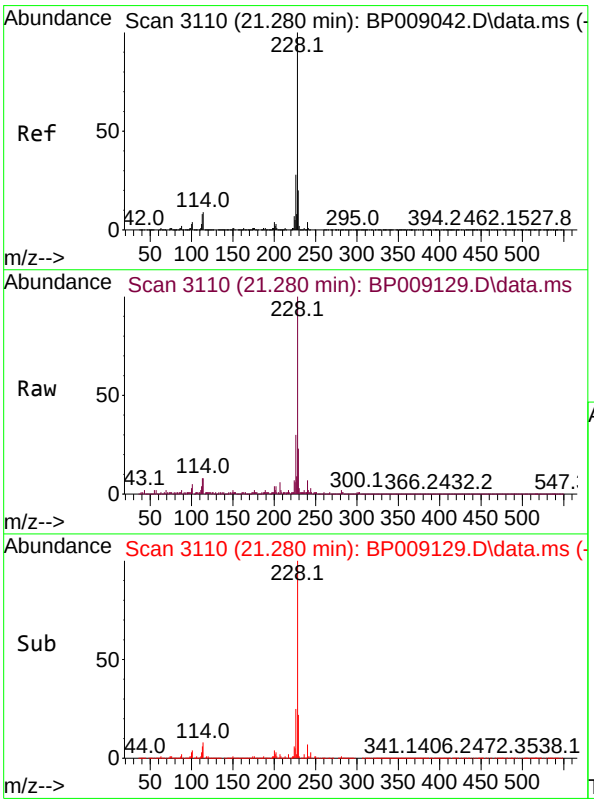
#79
Terphenyl-d14
Concen: 28.739 ng
RT: 19.763 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:244 Resp: 2411015

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	9.0	9.2	13.8#

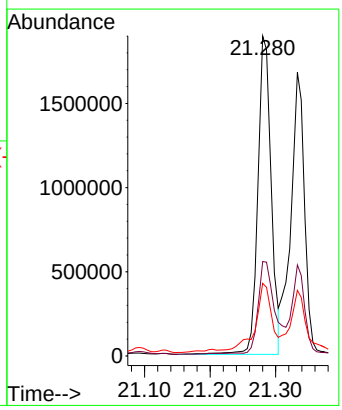


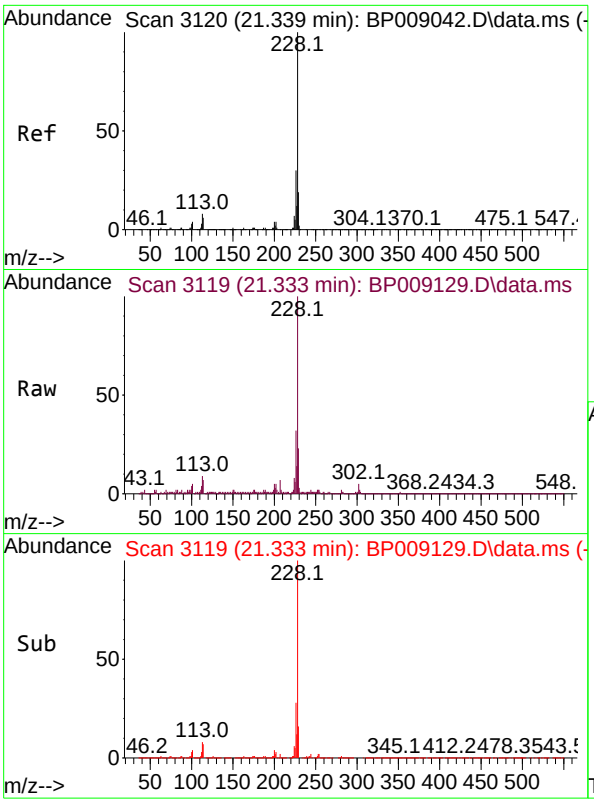


#81
Benzo(a)anthracene
Concen: 27.314 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:228 Resp: 2655520

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.3	34.9
229	22.7	17.0	25.6



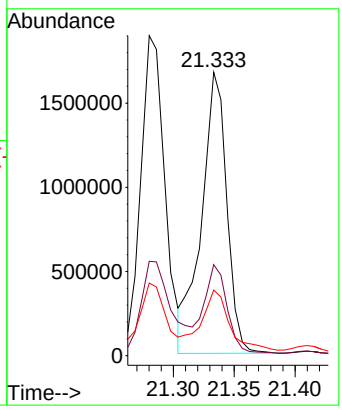


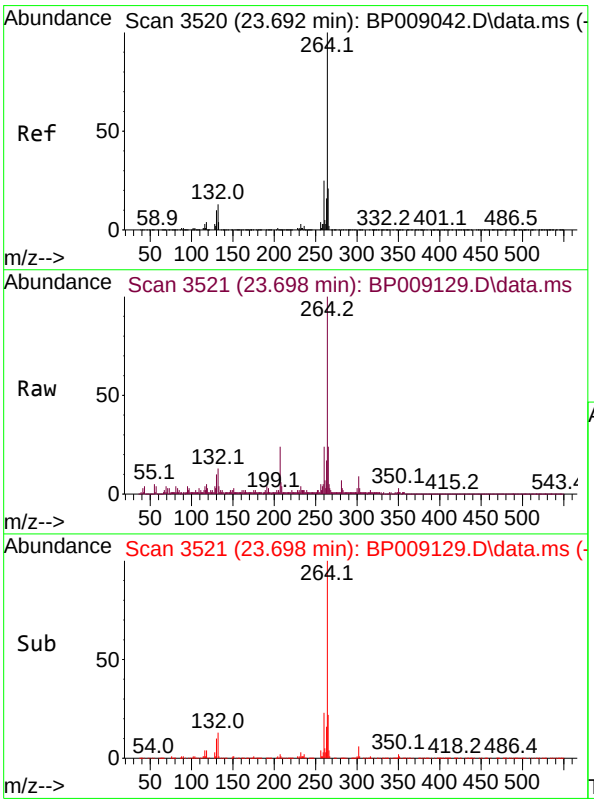
#83
Chrysene
Concen: 25.860 ng
RT: 21.333 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:228 Resp: 2423724

Ion	Ratio	Lower	Upper
228	100		
226	32.2	26.0	39.0
229	23.1	16.9	25.3

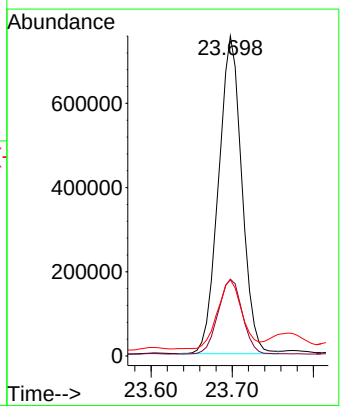


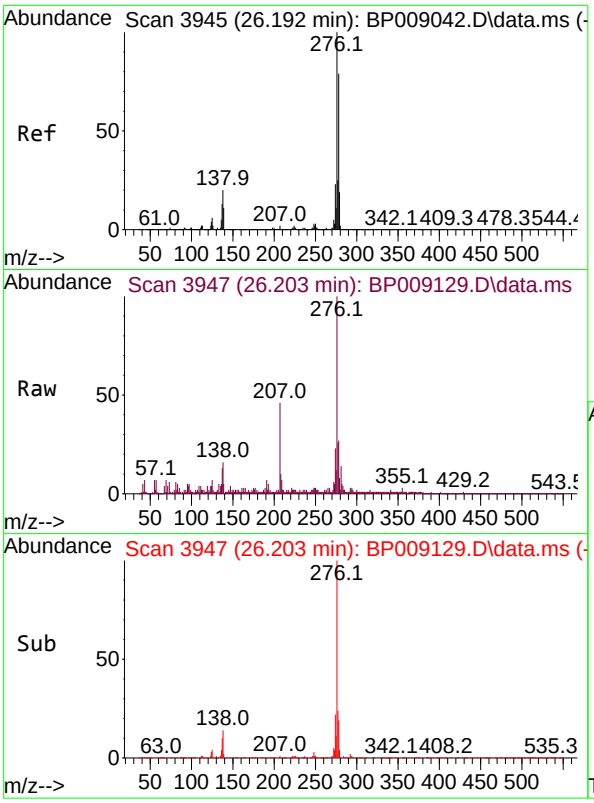


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3521
Delta R.T. 0.006 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:264 Resp: 1505667

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	23.8	17.1	25.7



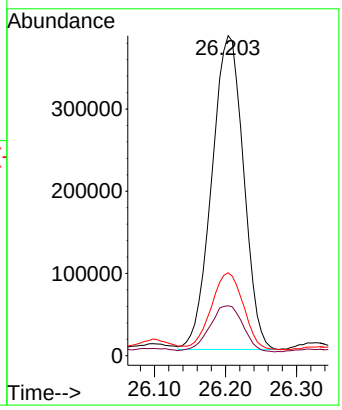


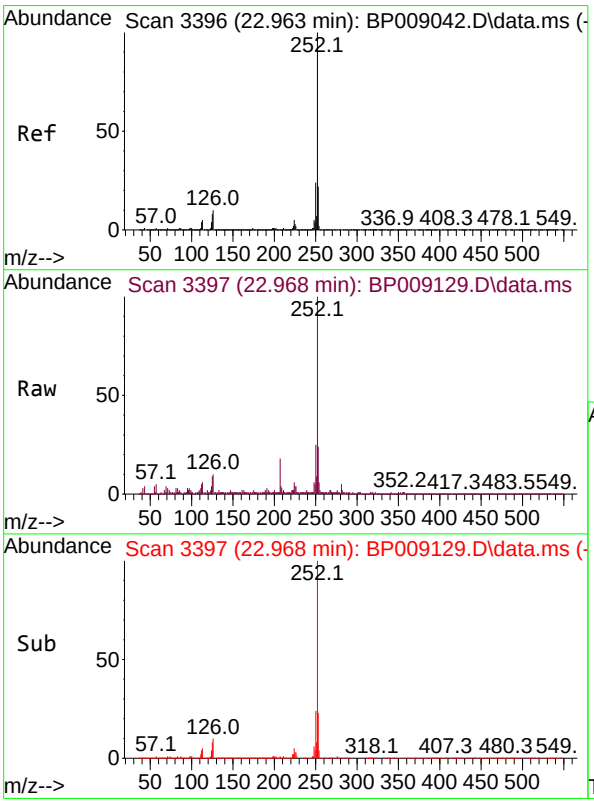
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.596 ng
RT: 26.203 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:276 Resp: 1185370

Ion	Ratio	Lower	Upper
276	100		
138	15.5	17.8	26.6#
277	24.8	20.4	30.6

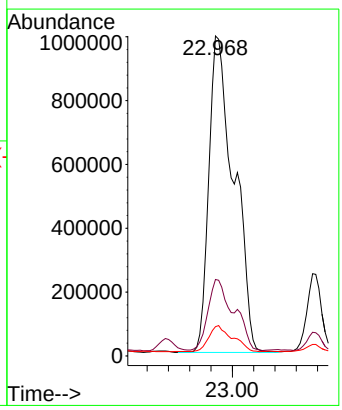


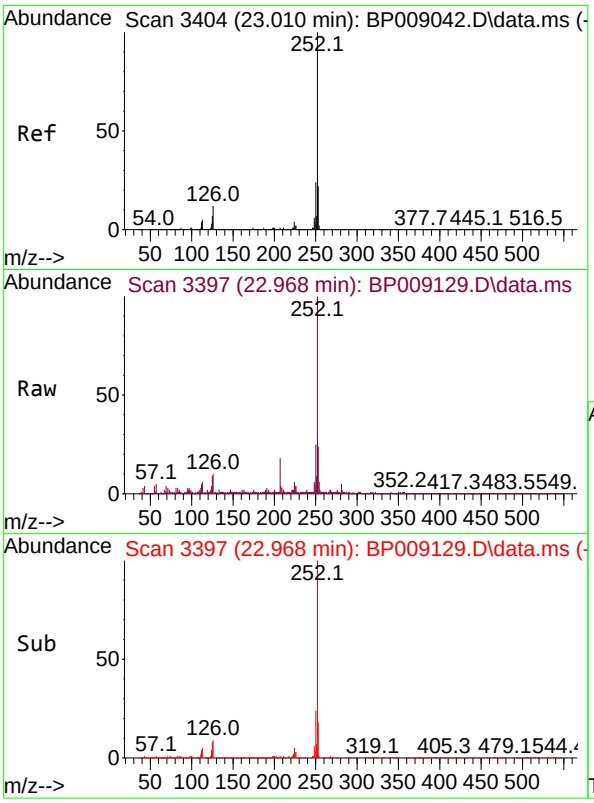


#88
Benzo(b)fluoranthene
Concen: 34.994 ng
RT: 22.968 min Scan# 3397
Delta R.T. 0.006 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:252 Resp: 3243625

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	9.2	6.9	10.3



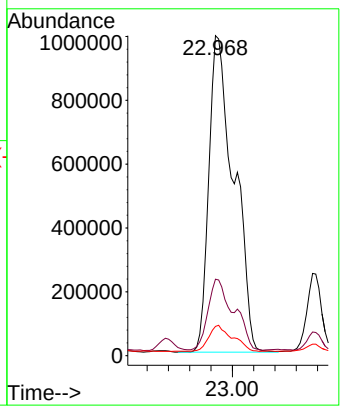


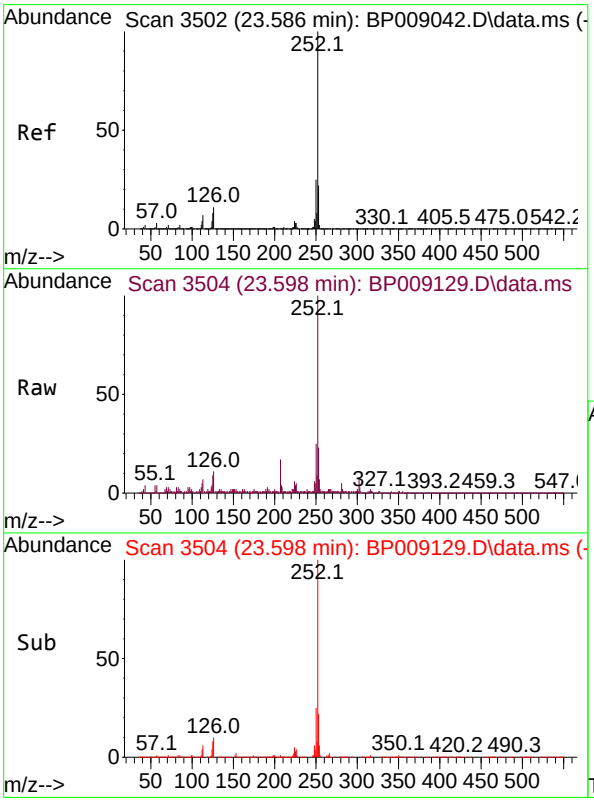
#89
Benzo(k)fluoranthene
Concen: 35.075 ng
RT: 22.968 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:252 Resp: 3243625

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	9.2	7.3	10.9

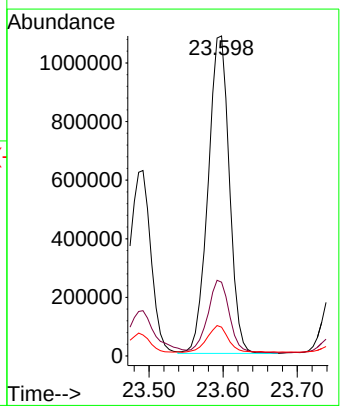


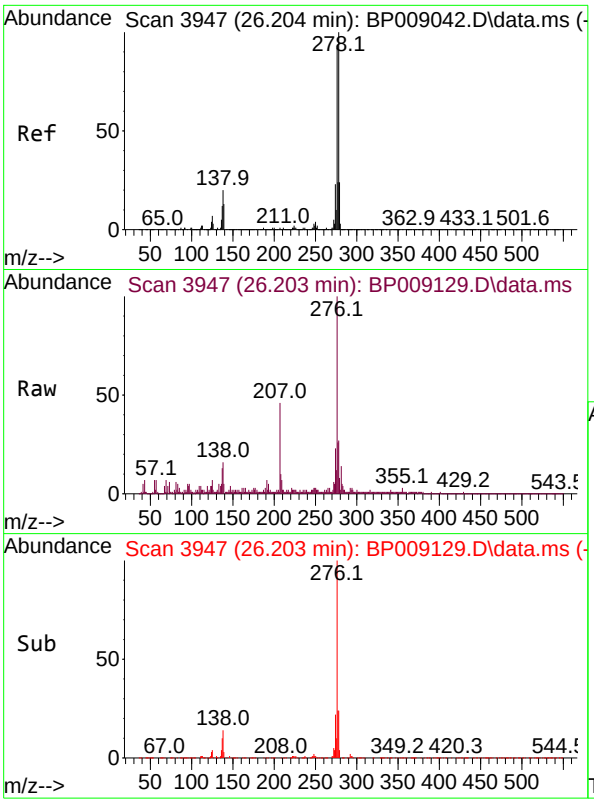


#90
Benzo(a)pyrene
Concen: 27.864 ng
RT: 23.598 min Scan# 3504
Delta R.T. 0.012 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:252 Resp: 2153333

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	9.0	7.8	11.6



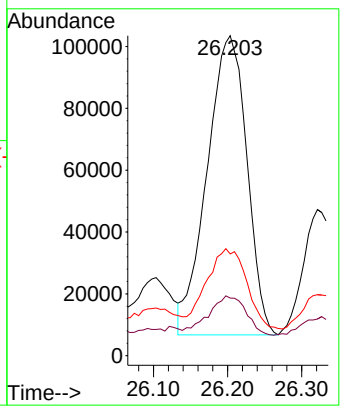


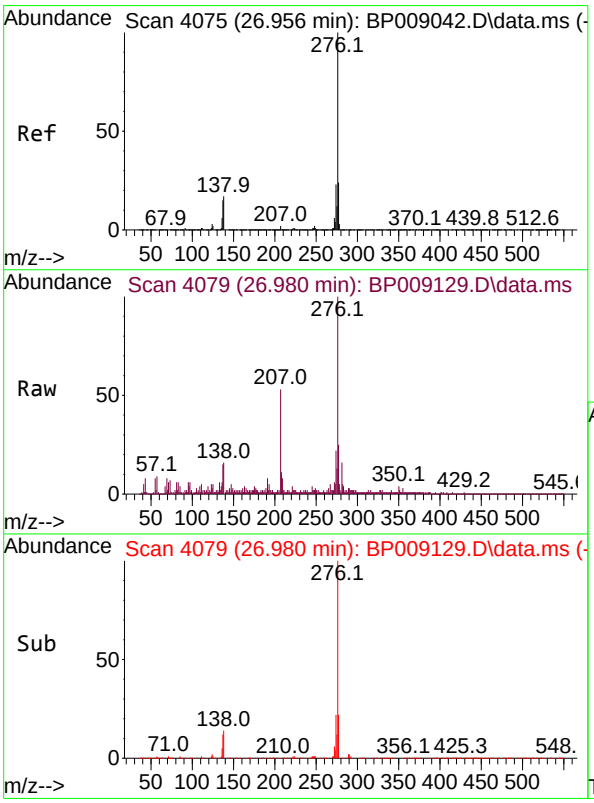
#91
Dibenzo(a,h)anthracene
Concen: 3.926 ng
RT: 26.203 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Tgt Ion:278 Resp: 360929

Ion	Ratio	Lower	Upper
278	100		
139	18.0	11.5	17.3#
279	31.8	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 13.047 ng
RT: 26.980 min Scan# 4079
Delta R.T. 0.023 min
Lab File: BP009129.D
Acq: 12 Feb 2022 00:05

Tgt Ion:276 Resp: 1194265

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.2	28.8
138	15.6	15.0	22.4