Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009575.D
Acq On : 28 Mar 2022 20:36
Operator : CG/JU
Sample : N2125-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-124030

Quant Time: Mar 29 03:13:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 06:34:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	295236	20.000	ng		-0.01
21) Naphthalene-d8	10.557	136	1221234	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	789322	20.000	ng		0.00
64) Phenanthrene-d10	17.180	188	1562677	20.000	ng		0.00
76) Chrysene-d12	21.298	240	1598655	20.000	ng		0.00
86) Perylene-d12	23.686	264	1781442	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1787116	105.684	ng		0.00
7) Phenol-d6	6.957	99	2345066	102.547	ng		0.00
23) Nitrobenzene-d5	8.922	82	1430136	62.231	ng		-0.01
42) 2,4,6-Tribromophenol	15.916	330	1015827	77.989	ng		0.00
45) 2-Fluorobiphenyl	13.034	172	2482691	43.604	ng		0.00
79) Terphenyl-d14	19.757	244	4566003	51.265	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.910	77	734	Below Cal		#	56
27) 2,4-Dimethylphenol	9.793	122	37508	2.349	ng		96
31) Naphthalene	10.610	128	9943002	158.062	ng		99
33) 4-Chloroaniline	10.610	127	1316475	51.286	ng	#	31
37) 2-Methylnaphthalene	12.234	142	8593598	194.703	ng		99
38) 1-Methylnaphthalene	12.451	142	5164555	120.115	ng		99
41) Hexachlorocyclopentadiene	12.610	237	9	7.289	ng		91
46) 1,1'-Biphenyl	13.245	154	2568348	43.617	ng		99
49) Acenaphthylene	14.134	152	457866	6.398	ng	#	86
52) Acenaphthene	14.481	154	6866700	160.621	ng		99
54) 2,4-Dinitrophenol	14.528	184	465	4.589	ng	#	1
55) Dibenzofuran	14.822	168	10103707	140.679	ng		97
56) 4-Nitrophenol	14.822	139	3771133	382.225	ng	#	9
58) Fluorene	15.475	166	9069531	160.564	ng		98
62) 4-Nitroaniline	15.475	138	105705	7.604	ng	#	23
70) Pentachlorophenol	16.851	266	82280	6.994	ng		98
71) Phenanthrene	17.322	178	5473747	65.436	ng		99
72) Anthracene	17.322	178	5473747	66.276	ng		99
73) Carbazole	17.592	167	6545280	81.035	ng		99
75) Fluoranthene	19.210	202	15840455	156.415	ng		86
78) Pyrene	19.563	202	13001835	123.422	ng		96
81) Benzo(a)anthracene	21.280	228	3983239	37.925	ng		98
83) Chrysene	21.333	228	3055370	30.721	ng		96
87) Indeno(1,2,3-cd)pyrene	26.174	276	645118	4.773	ng	#	93
88) Benzo(b)fluoranthene	22.962	252	2492040	23.433	ng		99
89) Benzo(k)fluoranthene	22.962	252	2492040	23.933	ng		98
90) Benzo(a)pyrene	23.580	252	1438245	15.807	ng		97
92) Benzo(g,h,i)perylene	26.939	276	558780	5.043	ng		95

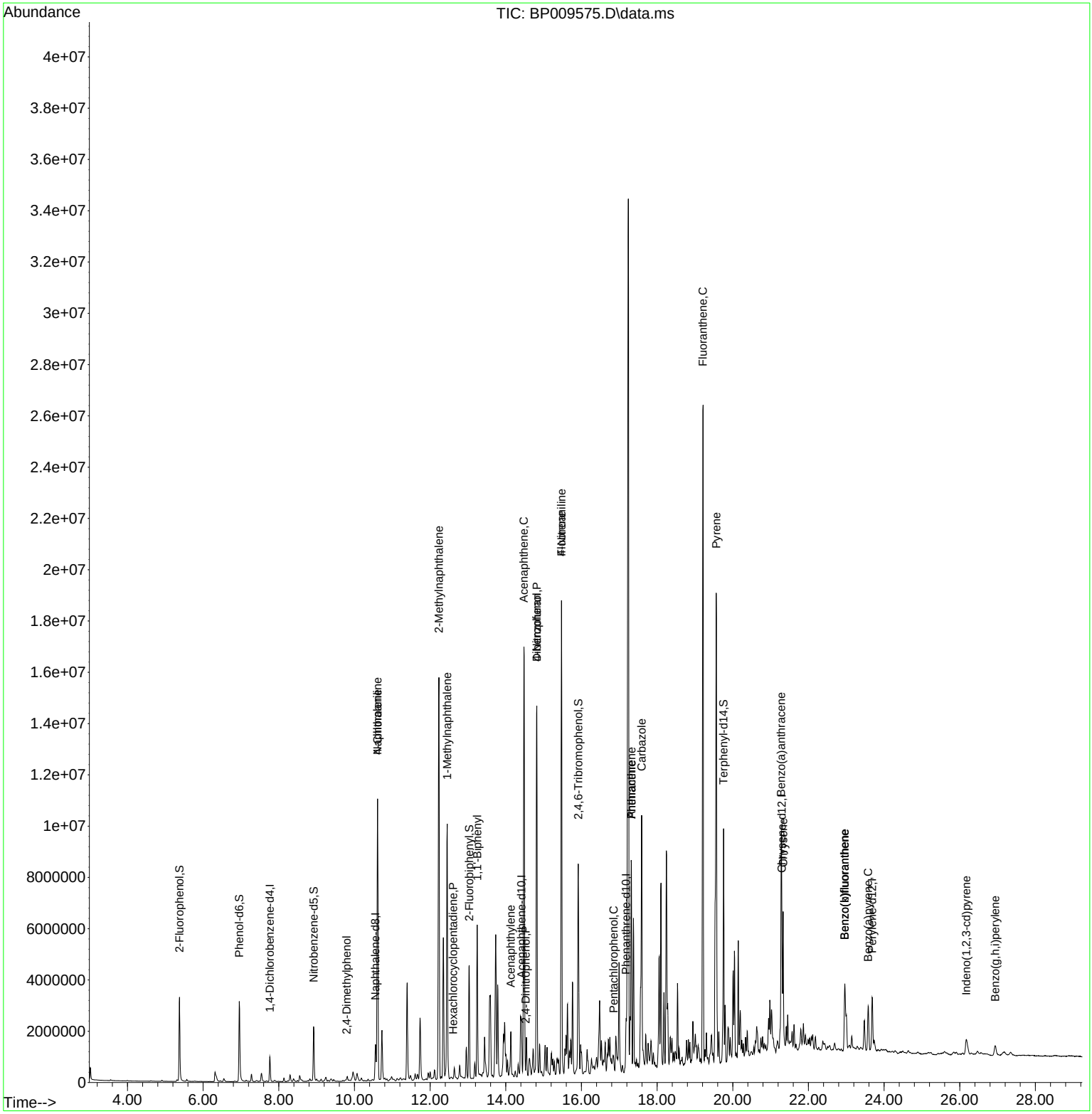
(#) = qualifier out of range (m) = manual integration (+) = signals summed

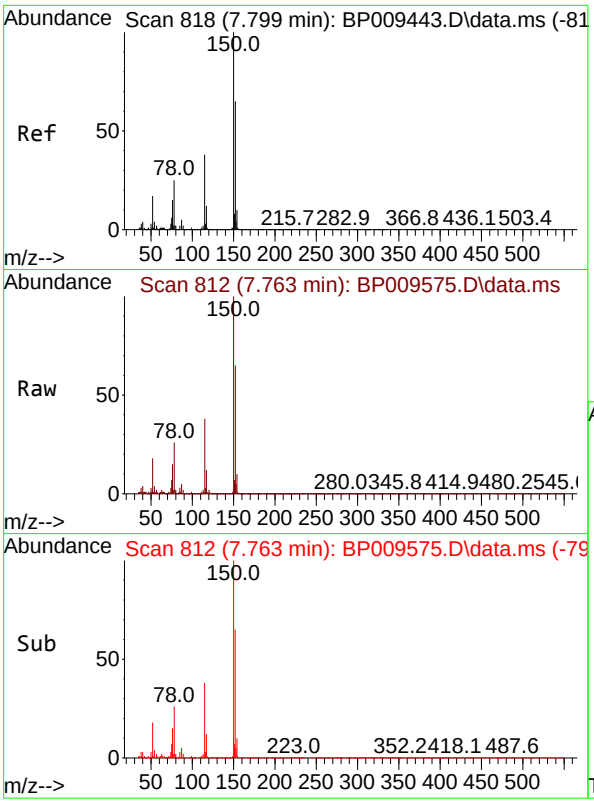
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009575.D
Acq On : 28 Mar 2022 20:36
Operator : CG/JU
Sample : N2125-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-124030

Quant Time: Mar 29 03:13:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 06:34:38 2022
Response via : Initial Calibration



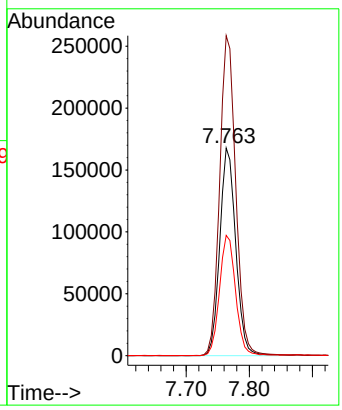


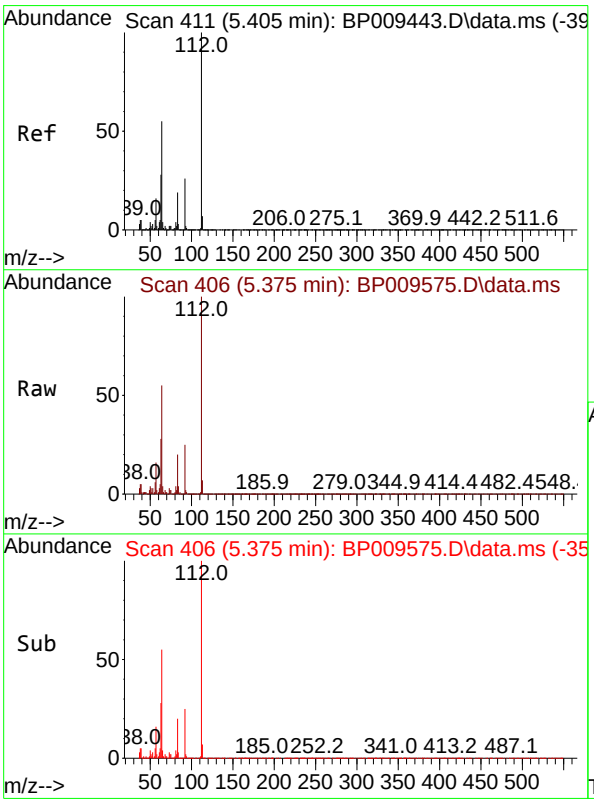
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:152 Resp: 295236

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.5	186.7
115	57.9	48.2	72.4

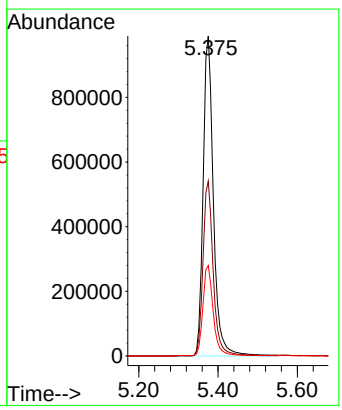


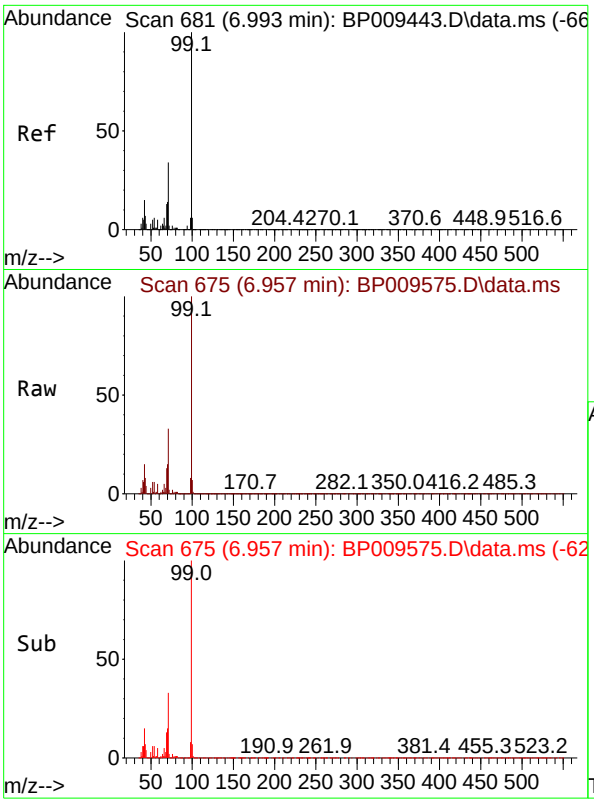


#5
2-Fluorophenol
Concen: 105.684 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:112 Resp: 1787116

Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.0	67.4
63	28.2	23.0	34.6



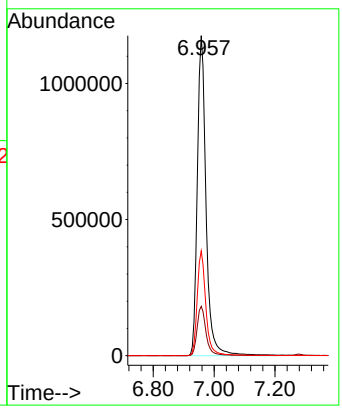


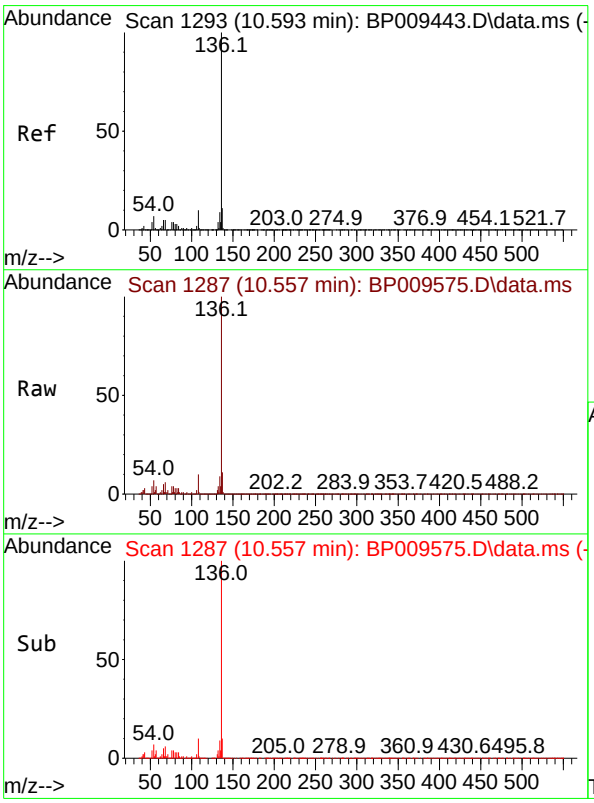
#7
Phenol-d6
Concen: 102.547 ng
RT: 6.957 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion: 99 Resp: 2345066

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.8	19.2
71	32.7	26.3	39.5

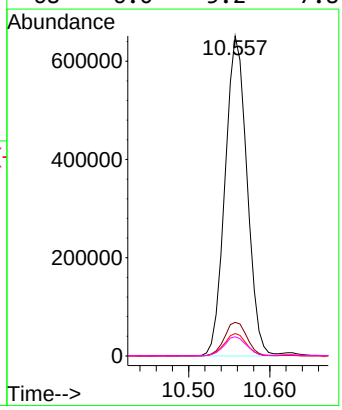


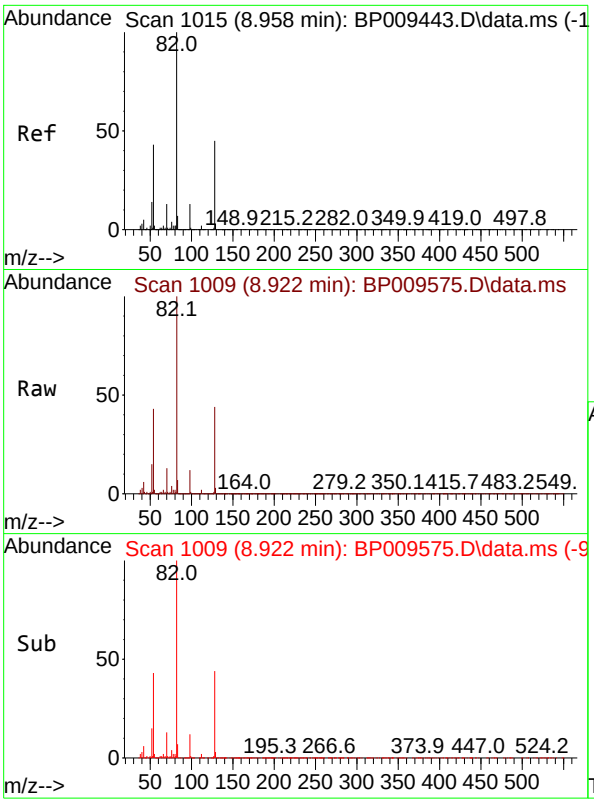


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:136 Resp: 1221234

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	7.0	5.8	8.8
68	6.0	5.2	7.8



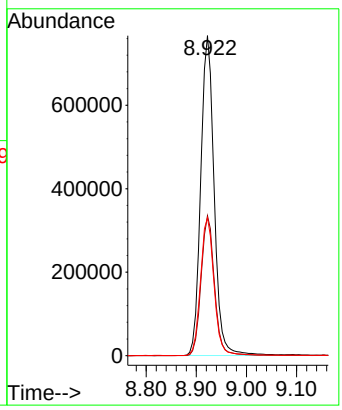


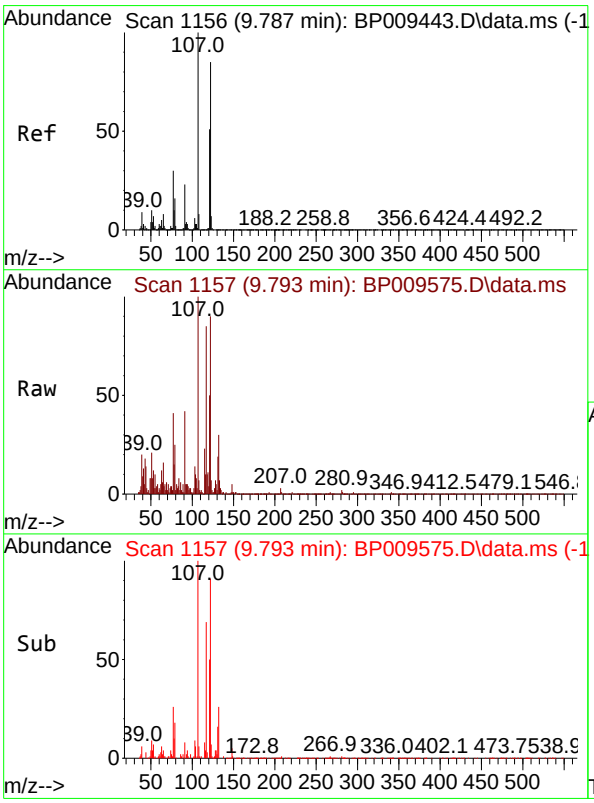
#23
Nitrobenzene-d5
Concen: 62.231 ng
RT: 8.922 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion: 82 Resp: 1430136

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.2	51.4
54	43.1	34.7	52.1

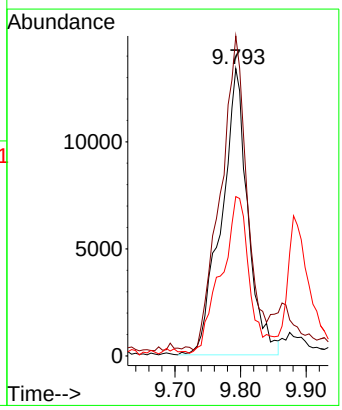


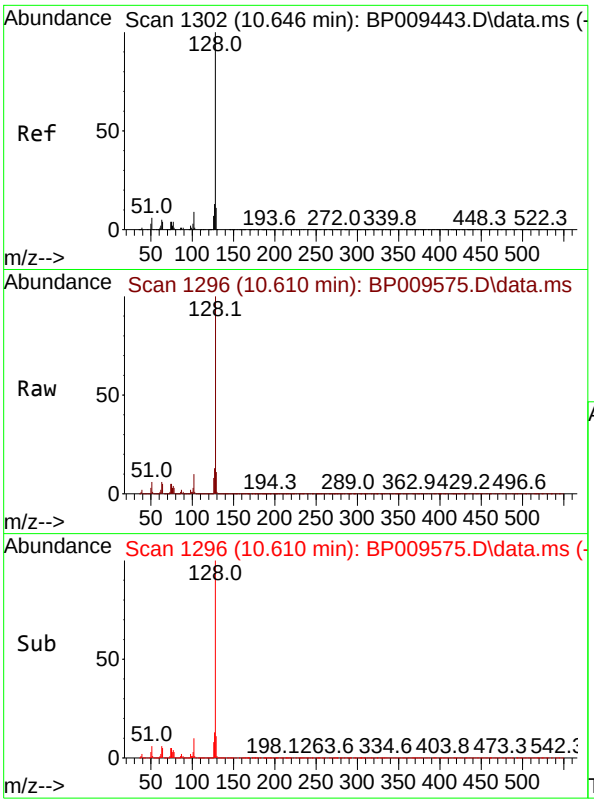


#27
2,4-Dimethylphenol
Concen: 2.349 ng
RT: 9.793 min Scan# 1157
Delta R.T. 0.035 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:122 Resp: 37508

Ion	Ratio	Lower	Upper
122	100		
107	111.3	92.6	138.8
121	55.4	46.7	70.1



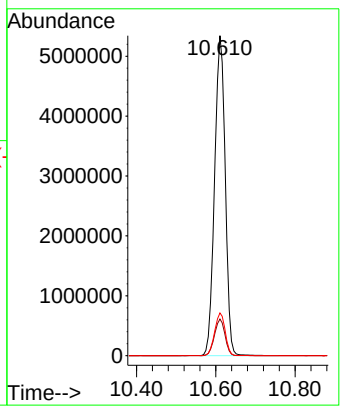


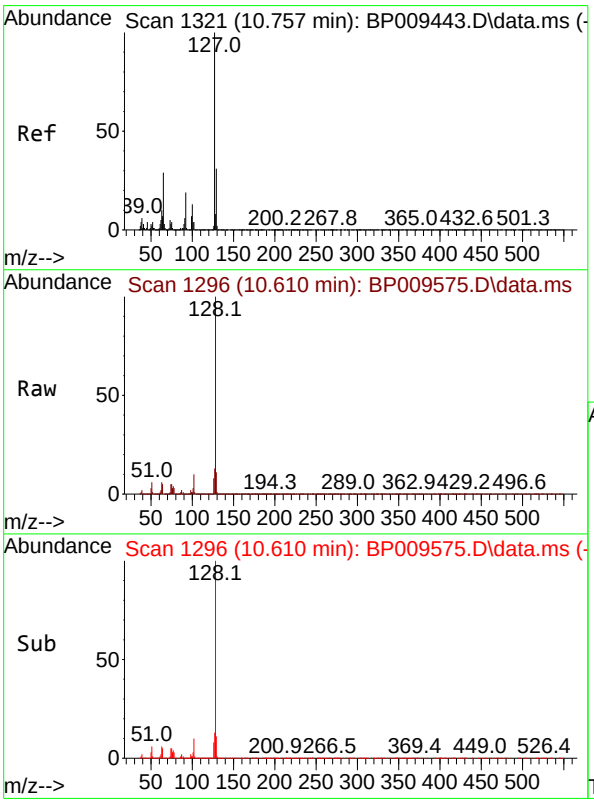
#31
Naphthalene
Concen: 158.062 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:128 Resp: 9943002

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.4	10.5	15.7

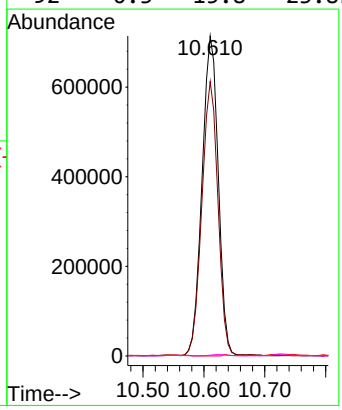


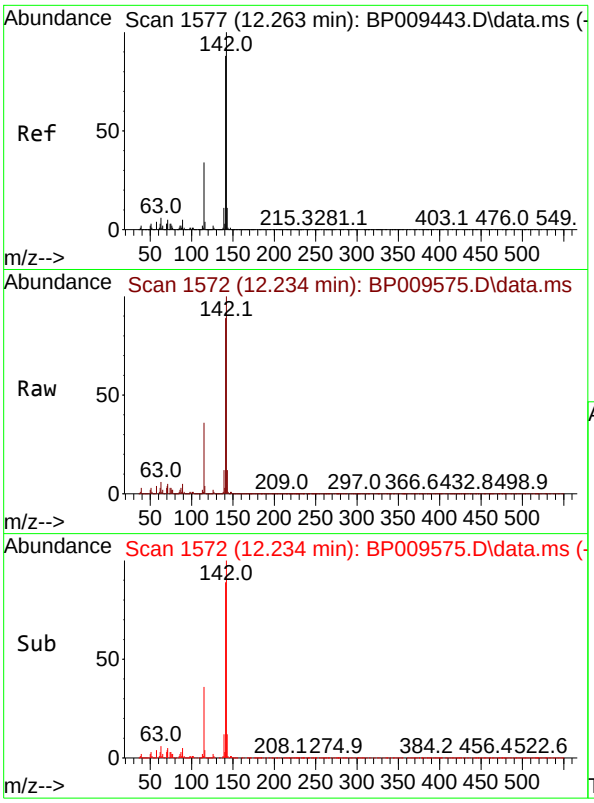


#33
4-Chloroaniline
Concen: 51.286 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.124 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:127 Resp: 1316475

Ion	Ratio	Lower	Upper
127	100		
129	85.8	25.5	38.3#
65	0.0	24.3	36.5#
92	0.3	15.8	23.8#



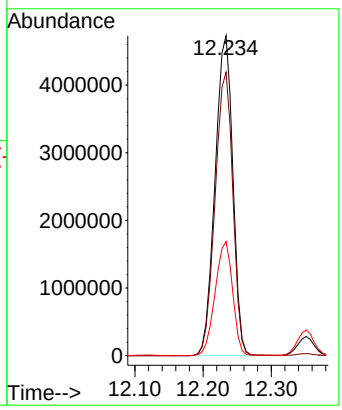


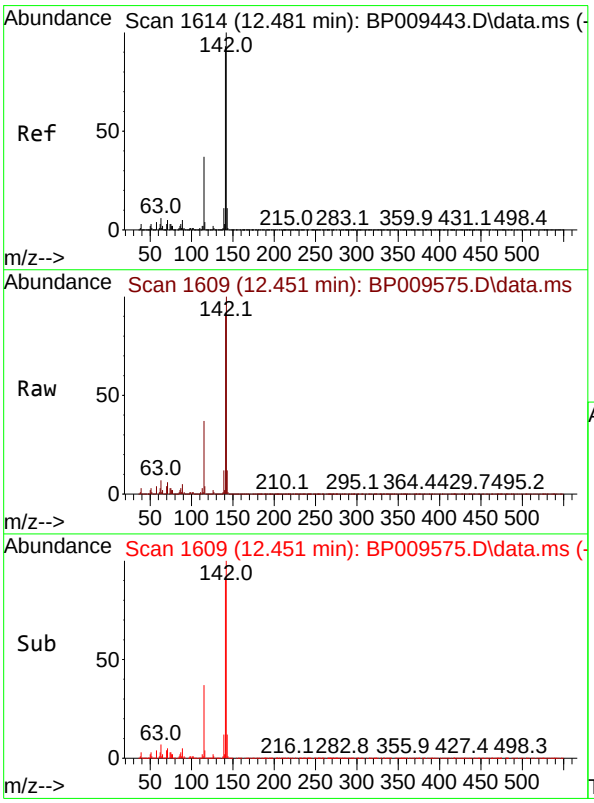
#37
2-Methylnaphthalene
Concen: 194.703 ng
RT: 12.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:142 Resp: 8593598

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.4
115	35.7	27.4	41.2

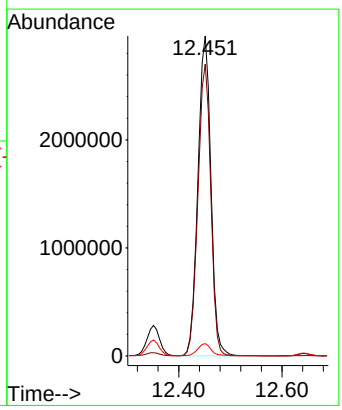


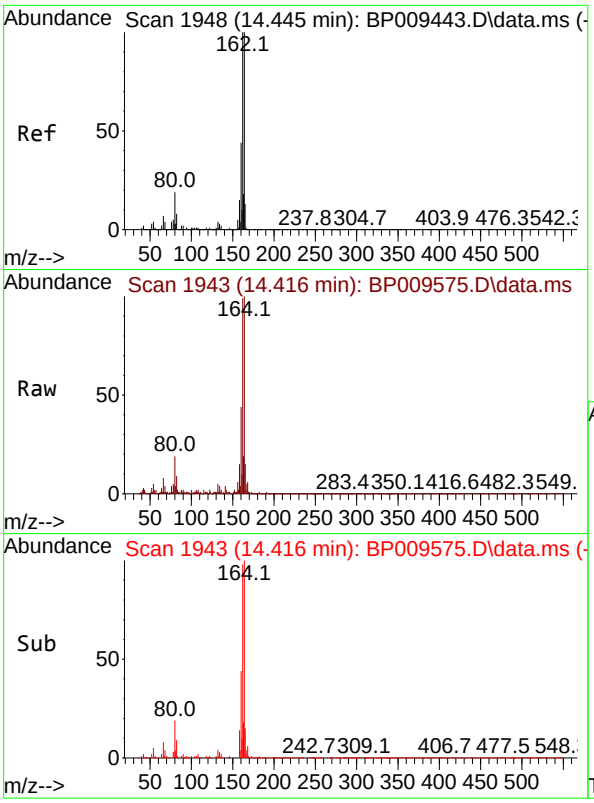


#38
1-Methylnaphthalene
Concen: 120.115 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:142 Resp: 5164555

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.5	110.3
116	3.9	3.3	4.9



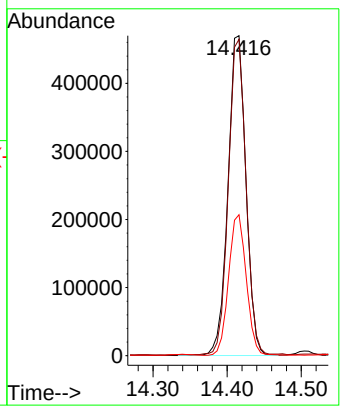


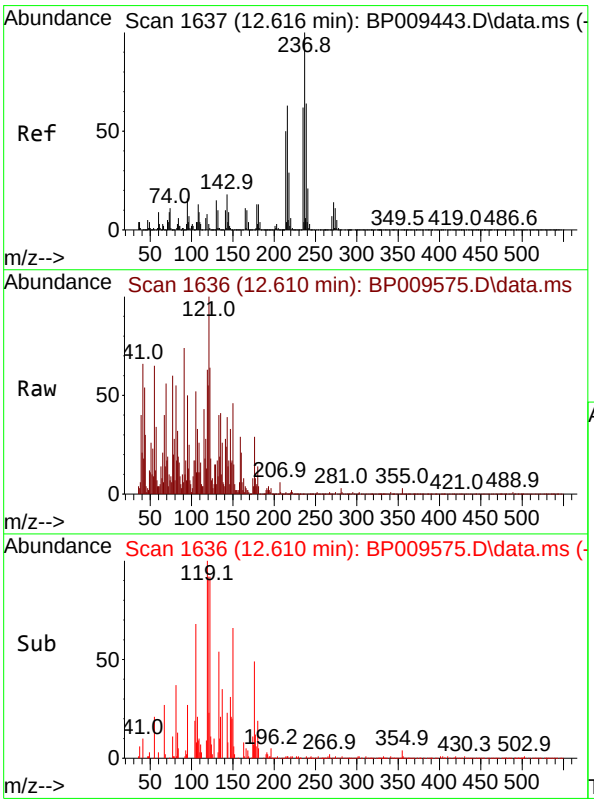
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:164 Resp: 789322

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.1	118.7
160	44.1	34.9	52.3

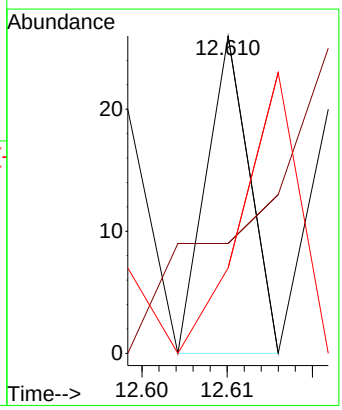


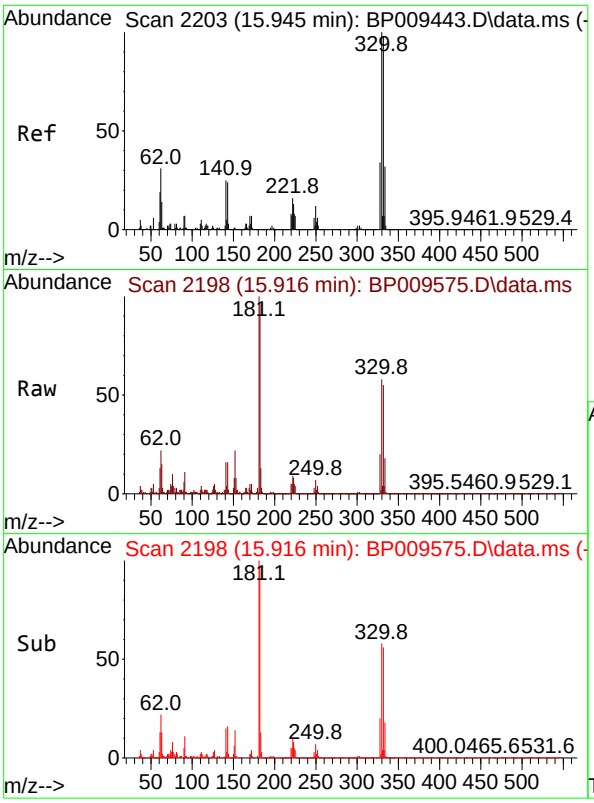


#41
Hexachlorocyclopentadiene
Concen: 7.289 ng
RT: 12.610 min Scan# 1636
Delta R.T. 0.023 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:237 Resp: 9

Ion	Ratio	Lower	Upper
237	100		
235	65.4	42.6	82.6
272	26.9	0.0	32.8



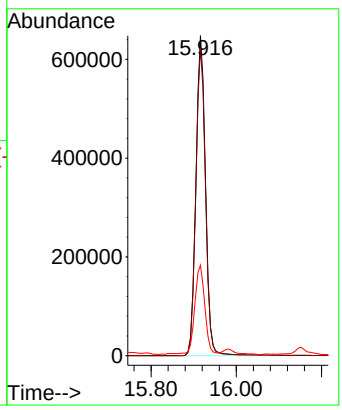


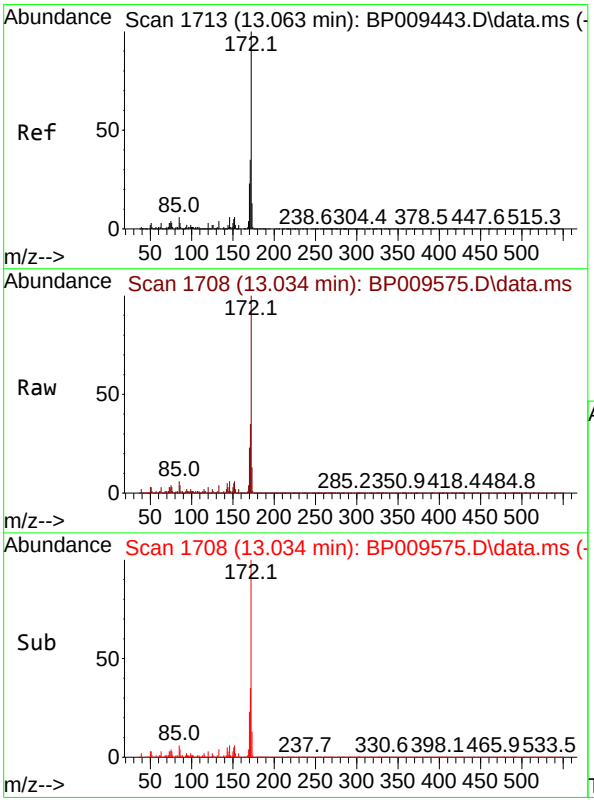
#42
2,4,6-Tribromophenol
Concen: 77.989 ng
RT: 15.916 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:330 Resp: 1015827

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	29.3	27.6	41.4

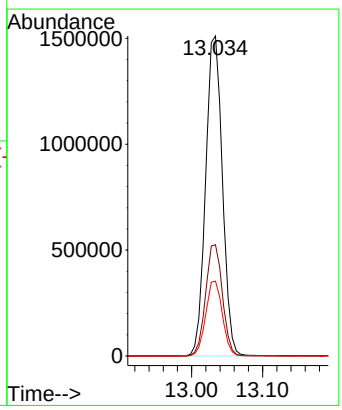


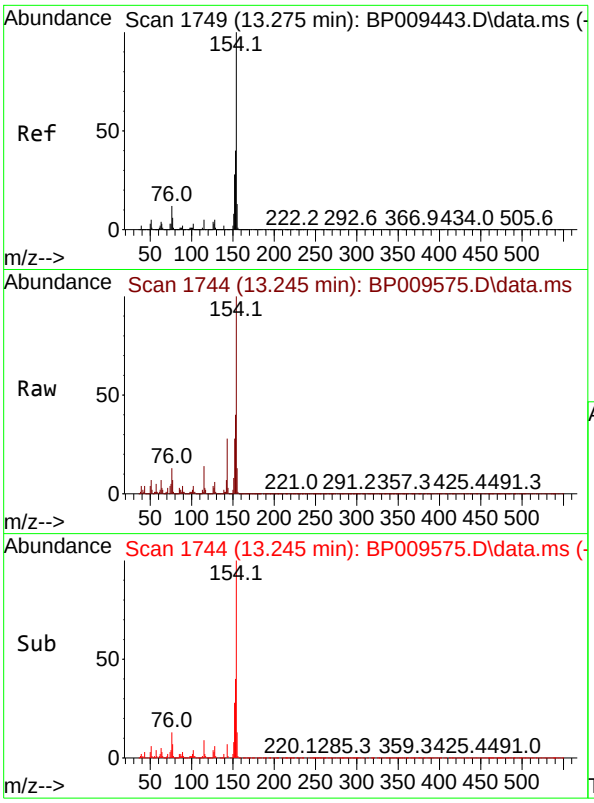


#45
2-Fluorobiphenyl
Concen: 43.604 ng
RT: 13.034 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:172 Resp: 2482691

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	23.4	18.6	27.8



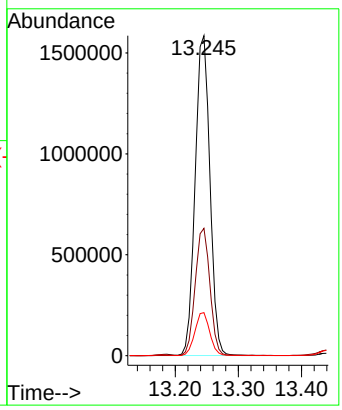


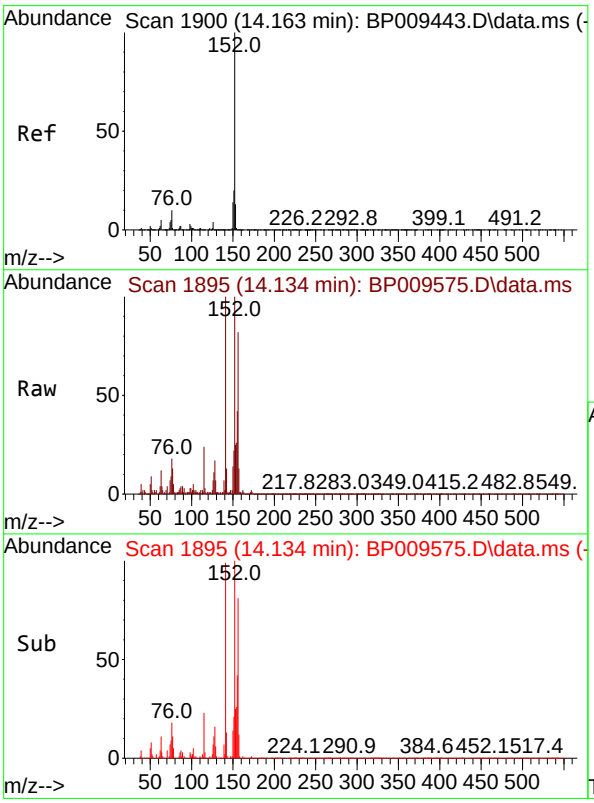
#46
1,1'-Biphenyl
Concen: 43.617 ng
RT: 13.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:154 Resp: 2568348

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.2	60.2
76	13.5	0.0	34.0

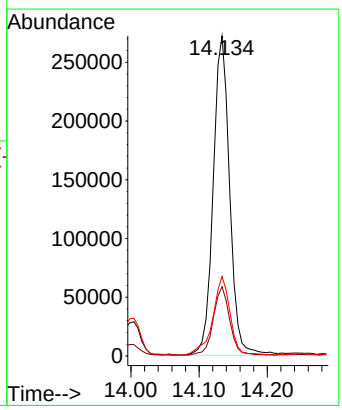


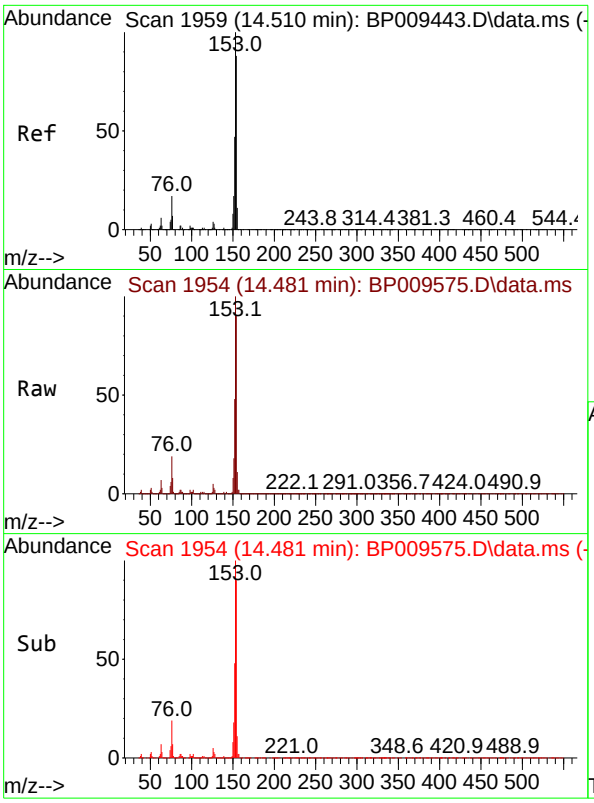


#49
Acenaphthylene
Concen: 6.398 ng
RT: 14.134 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:152 Resp: 457866

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.9	23.9
153	24.8	10.7	16.1#



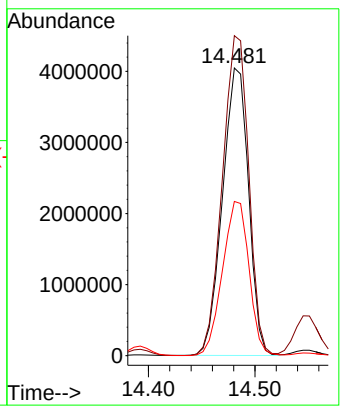


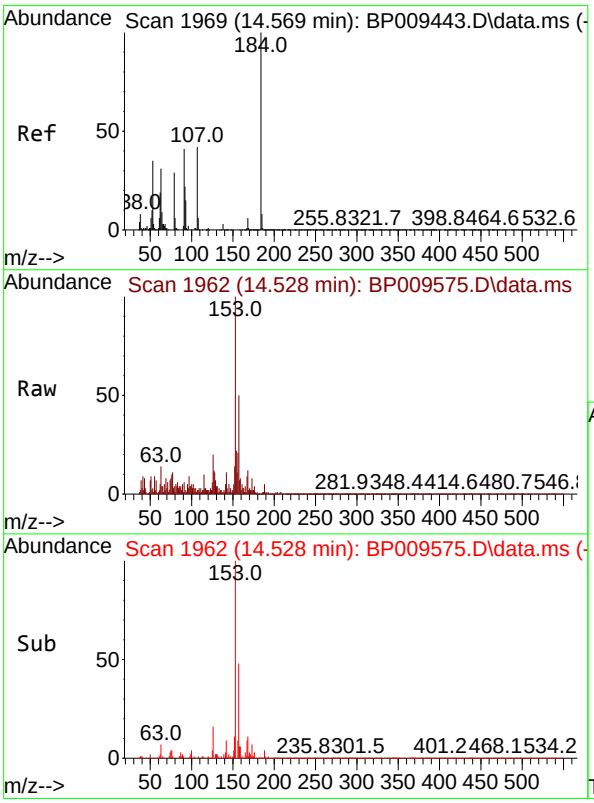
#52
Acenaphthene
Concen: 160.621 ng
RT: 14.481 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:154 Resp: 6866700

Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.2	135.4
152	53.6	42.7	64.1

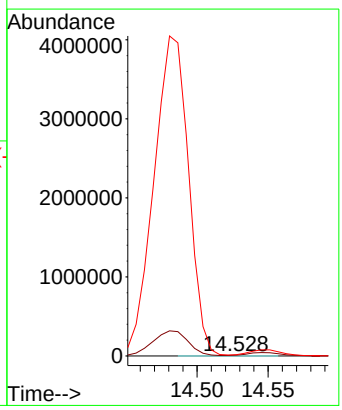


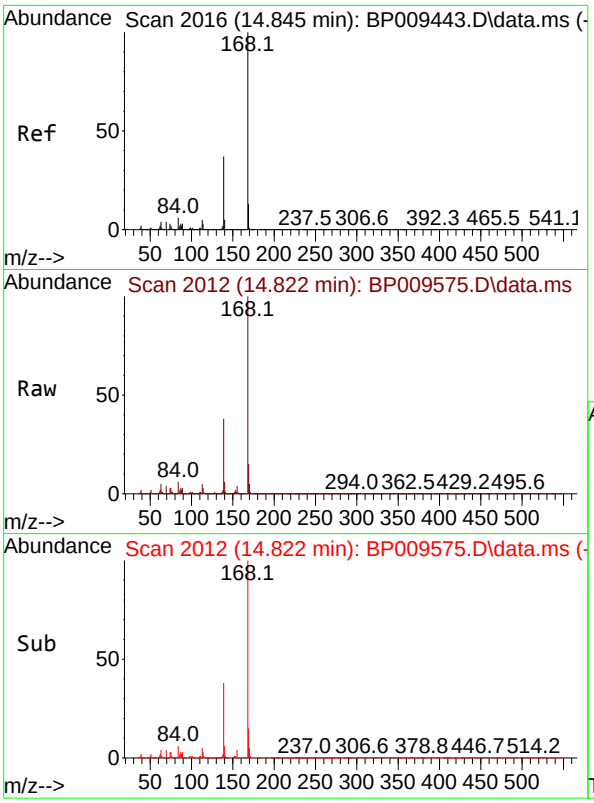


#54
2,4-Dinitrophenol
Concen: 4.589 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.024 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:184 Resp: 465

Ion	Ratio	Lower	Upper
184	100		
63	4197.5	46.3	69.5#
154	6934.4	45.8	68.6#



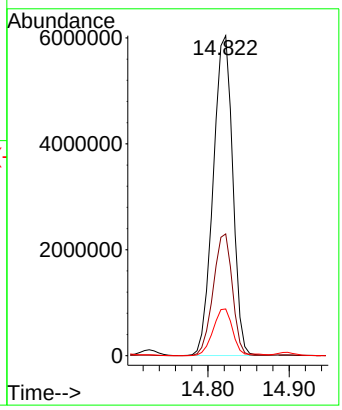


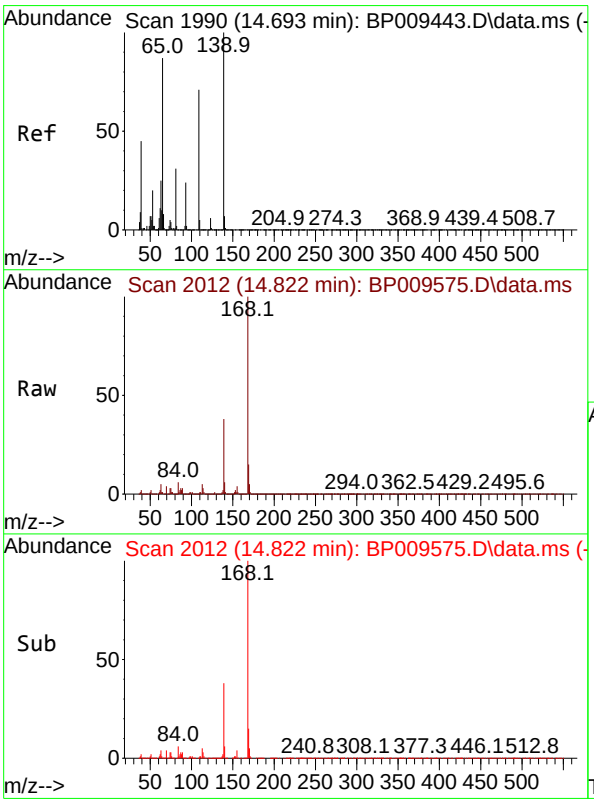
#55
Dibenzofuran
Concen: 140.679 ng
RT: 14.822 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:168 Resp:10103707

Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.1	43.7
169	14.6	10.6	16.0

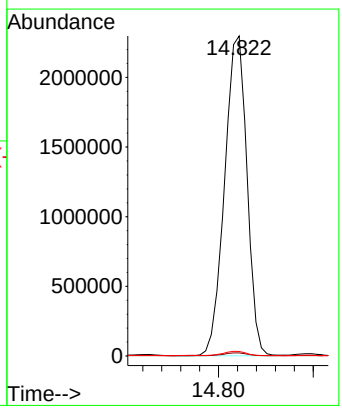


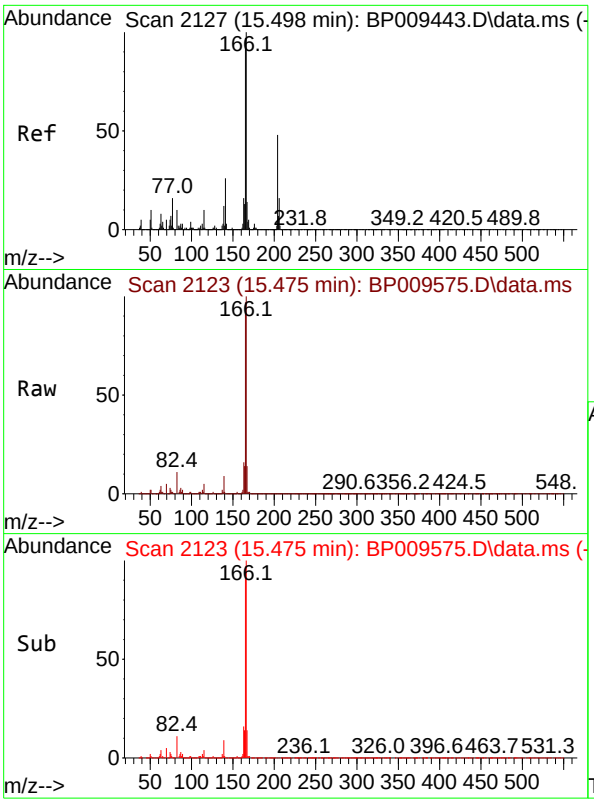


#56
4-Nitrophenol
Concen: 382.225 ng
RT: 14.822 min Scan# 2012
Delta R.T. 0.153 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:139 Resp: 3771133

Ion	Ratio	Lower	Upper
139	100		
109	1.0	51.2	91.2#
65	1.4	73.2	113.2#



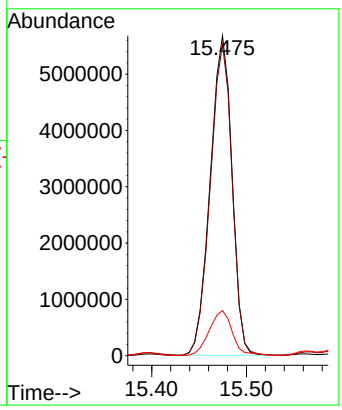


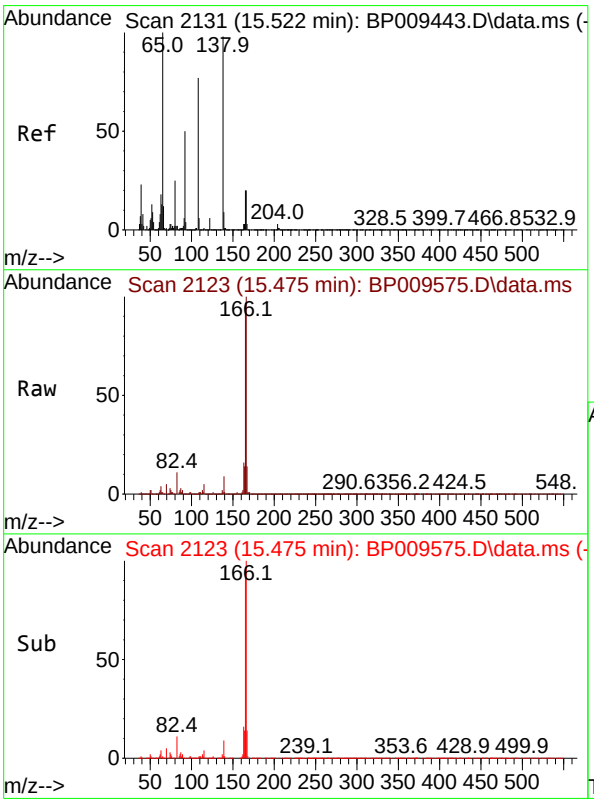
#58
Fluorene
Concen: 160.564 ng
RT: 15.475 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:166 Resp: 9069531

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.2	118.8
167	14.1	10.7	16.1

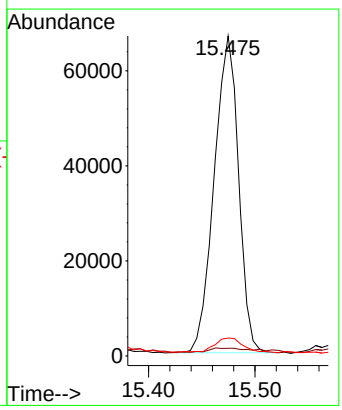


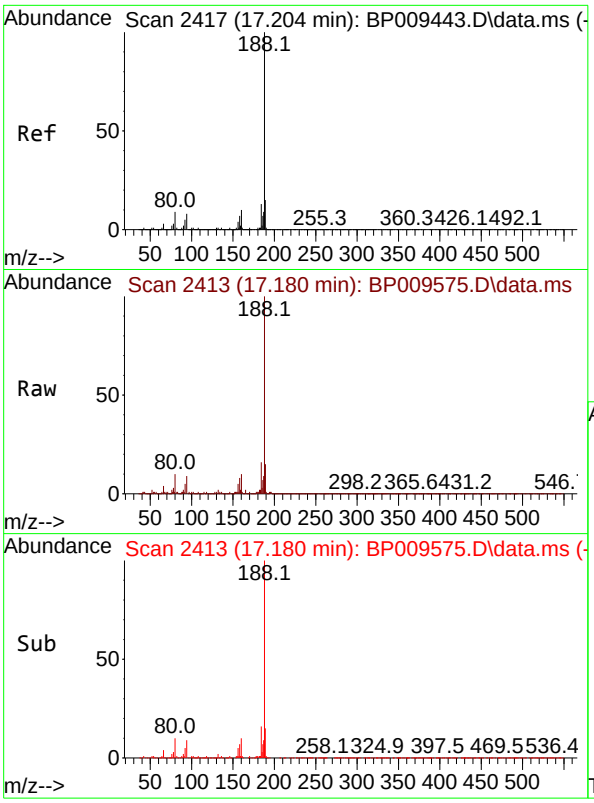


#62
4-Nitroaniline
Concen: 7.604 ng
RT: 15.475 min Scan# 2123
Delta R.T. -0.024 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:138 Resp: 105705

Ion	Ratio	Lower	Upper
138	100		
92	2.4	31.2	71.2#
108	5.6	54.3	94.3#



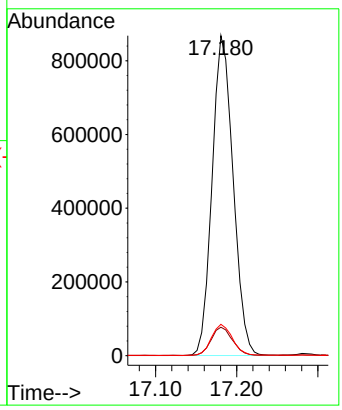


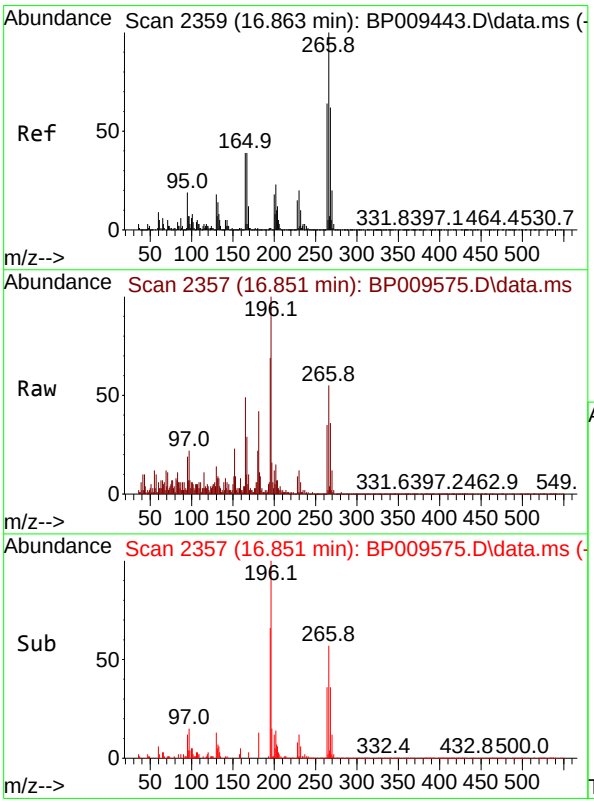
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:188 Resp: 1562677

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.9	11.9
80	9.8	8.8	13.2

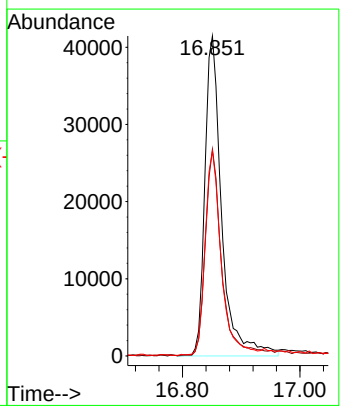


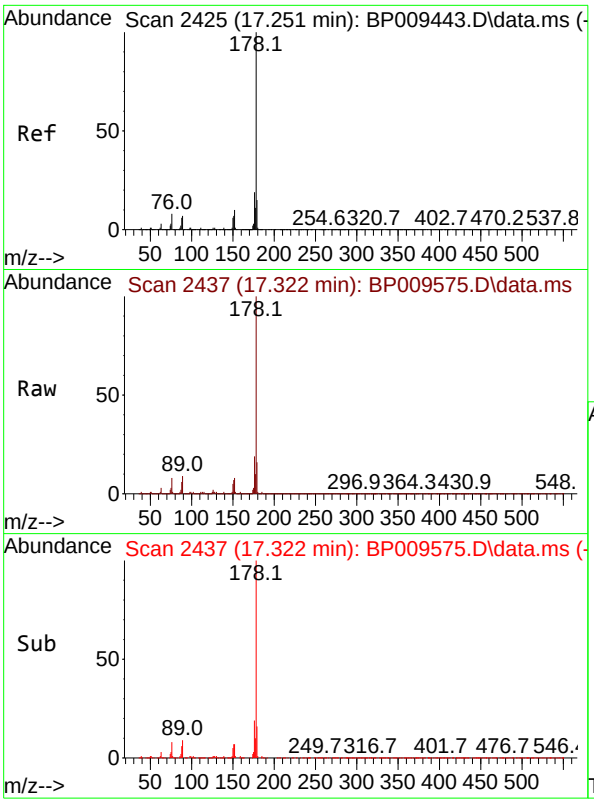


#70
Pentachlorophenol
Concen: 6.994 ng
RT: 16.851 min Scan# 2357
Delta R.T. 0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:266 Resp: 82280

Ion	Ratio	Lower	Upper
266	100		
268	64.6	49.8	74.8
264	64.1	50.9	76.3



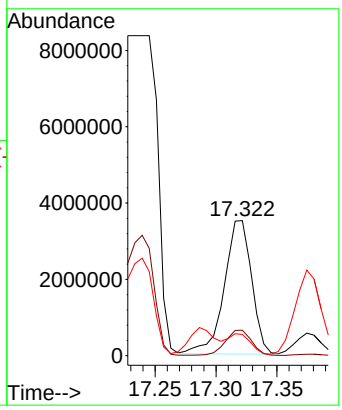


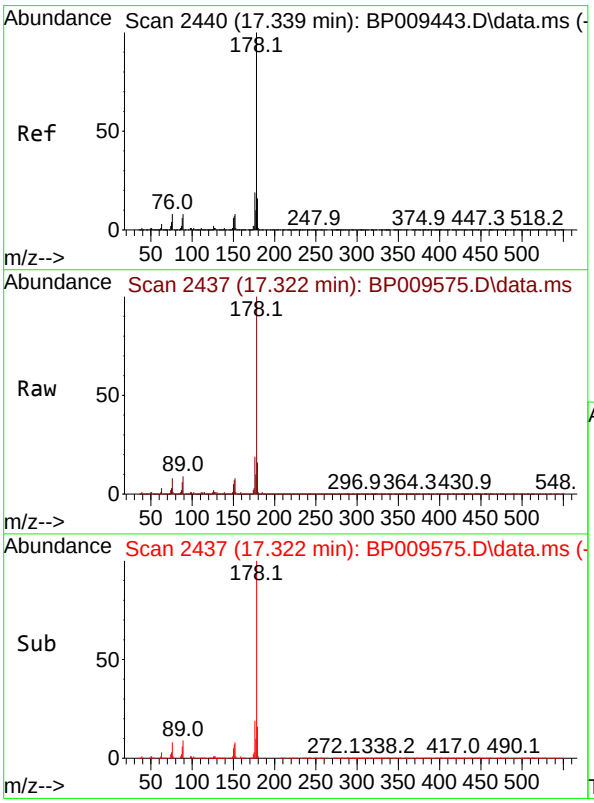
#71
Phenanthrene
Concen: 65.436 ng
RT: 17.322 min Scan# 24
Delta R.T. 0.094 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:178 Resp: 5473747

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.8	12.3	18.5

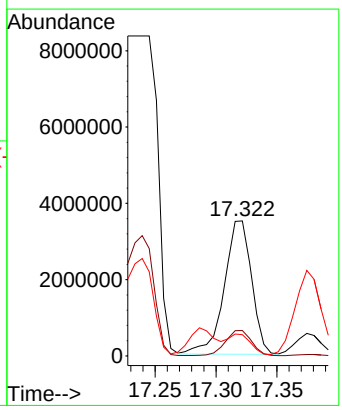


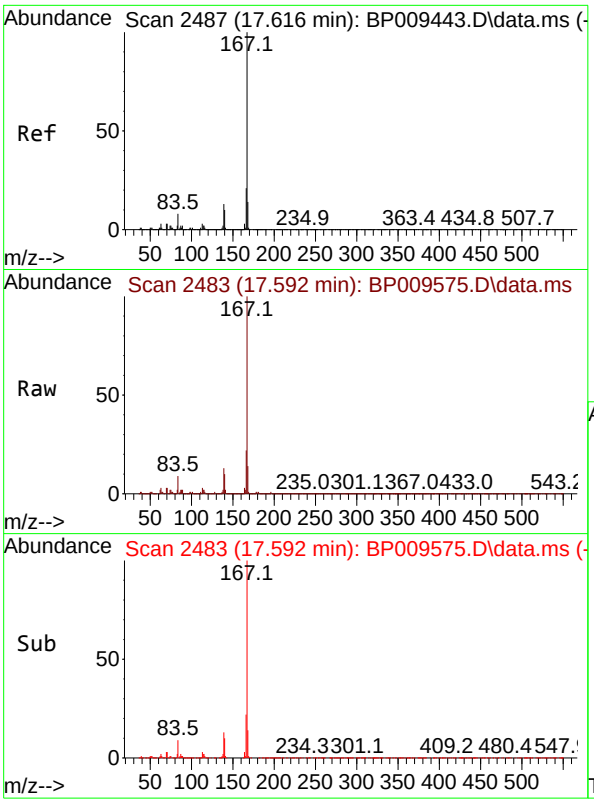


#72
Anthracene
Concen: 66.276 ng
RT: 17.322 min Scan# 2437
Delta R.T. 0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:178 Resp: 5473747

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.8	12.2	18.4



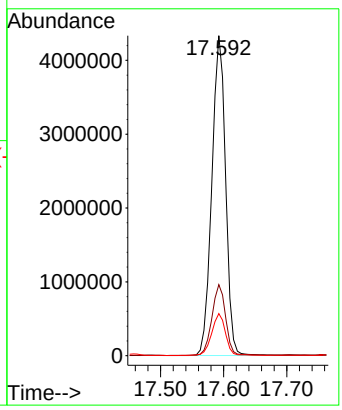


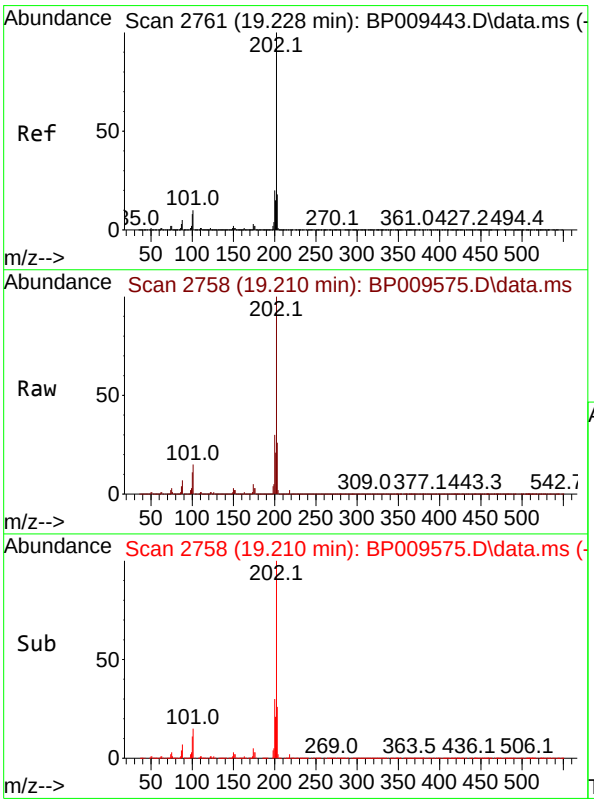
#73
Carbazole
Concen: 81.035 ng
RT: 17.592 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:167 Resp: 6545280

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	13.1	10.3	15.5

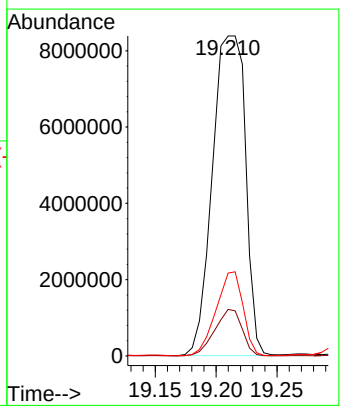


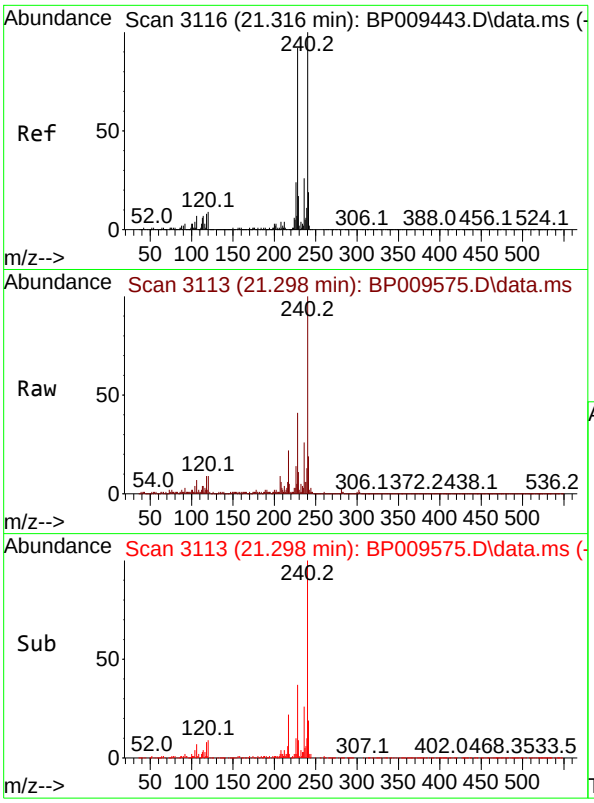


#75
Fluoranthene
Concen: 156.415 ng
RT: 19.210 min Scan# 2758
Delta R.T. -0.000 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:202 Resp:15840455

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	31.5
203	25.9	0.0	37.8



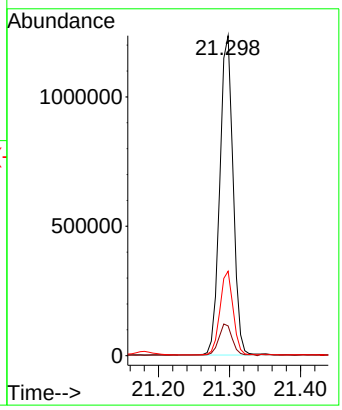


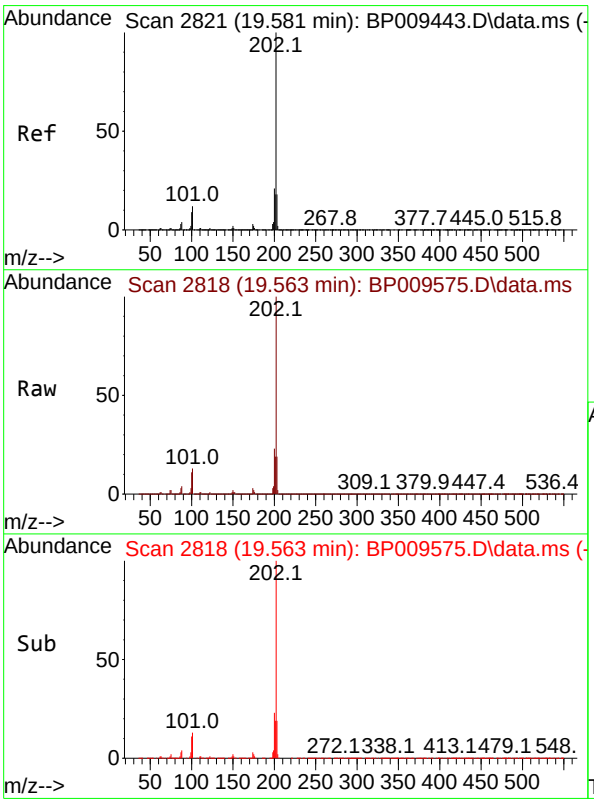
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:240 Resp: 1598655

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.0	13.4
236	26.4	20.6	30.8

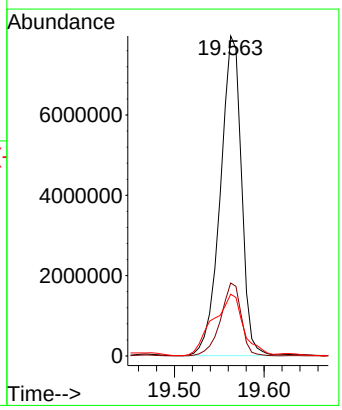


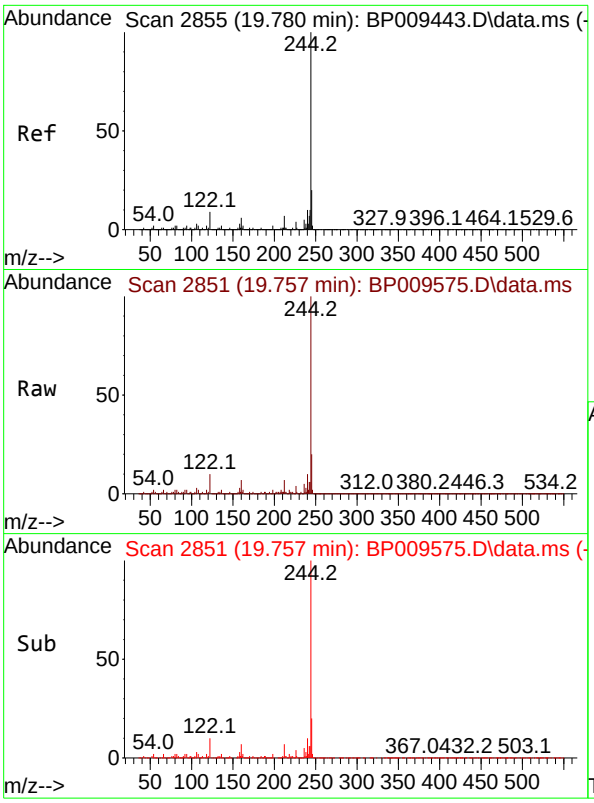


#78
Pyrene
Concen: 123.422 ng
RT: 19.563 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:202 Resp:13001835

Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.8	25.2
203	19.3	14.2	21.4



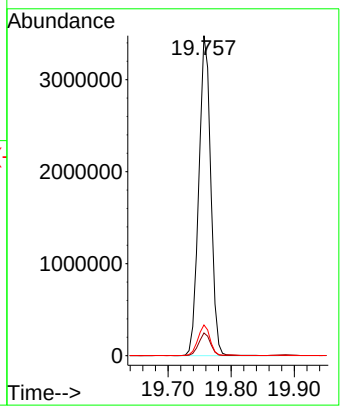


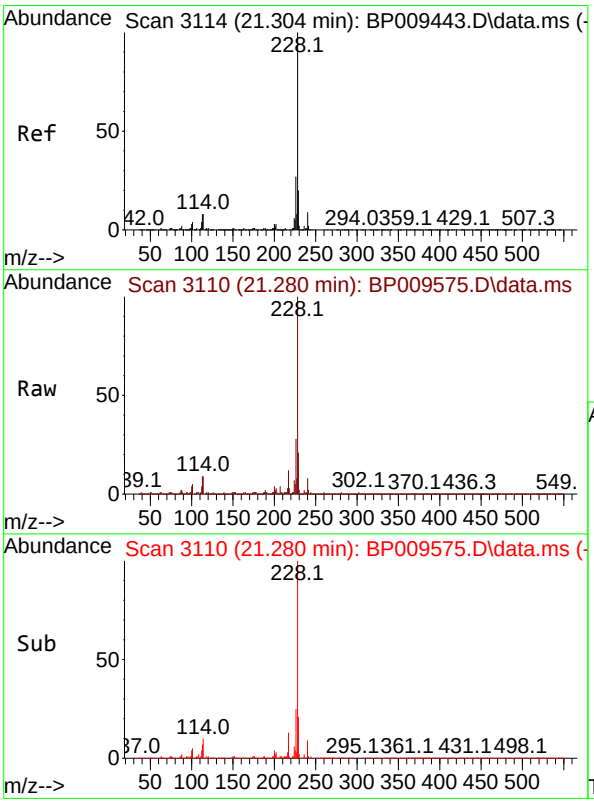
#79
Terphenyl-d14
Concen: 51.265 ng
RT: 19.757 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:244 Resp: 4566003

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.6	8.3	12.5

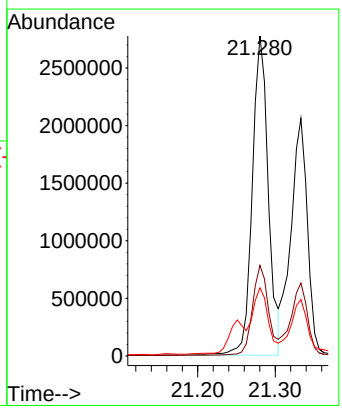


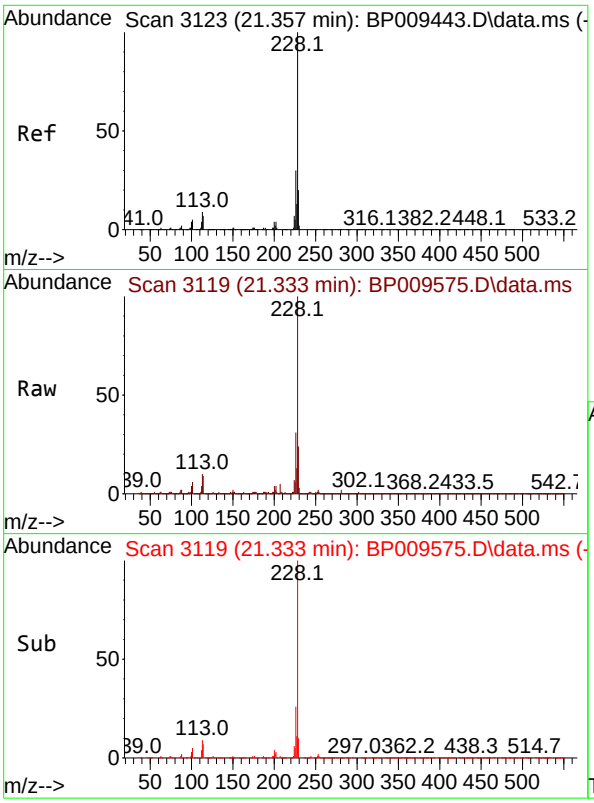


#81
Benzo(a)anthracene
Concen: 37.925 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:228 Resp: 3983239

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.0	33.0
229	21.3	16.1	24.1



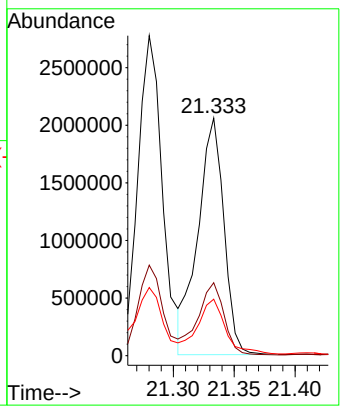


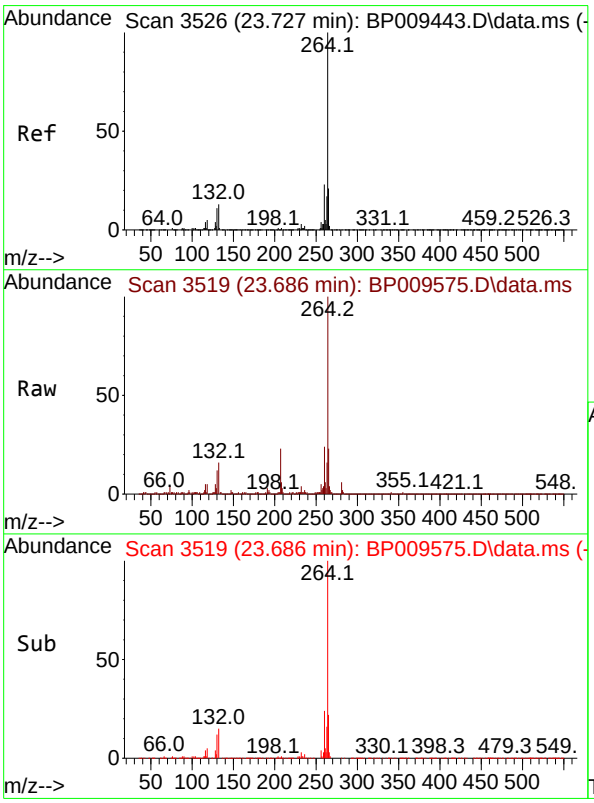
#83
Chrysene
Concen: 30.721 ng
RT: 21.333 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:228 Resp: 3055370

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	23.8	16.1	24.1

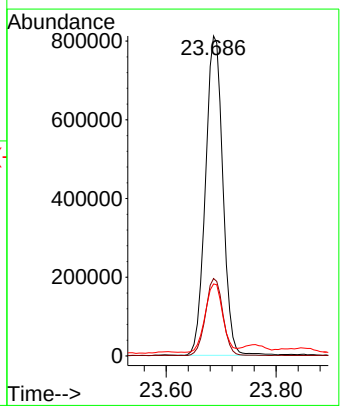


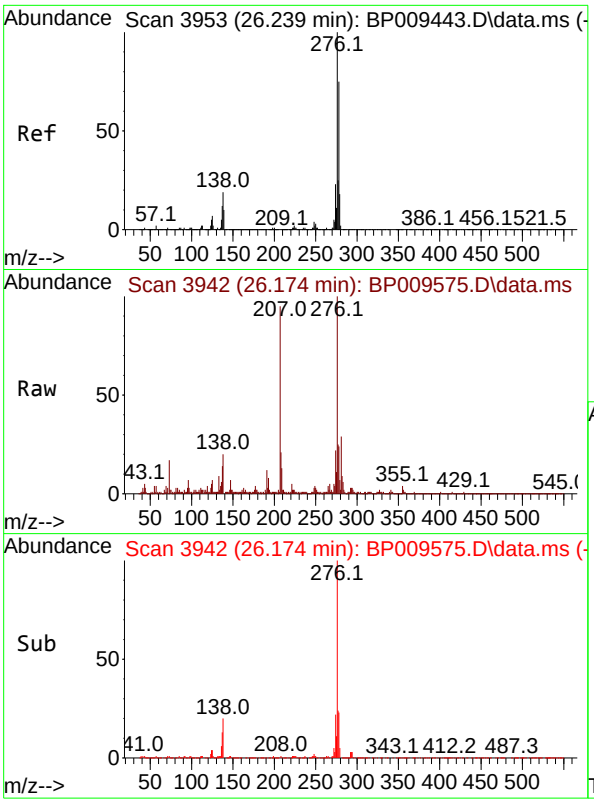


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.686 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:264 Resp: 1781442

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	22.5	17.2	25.8



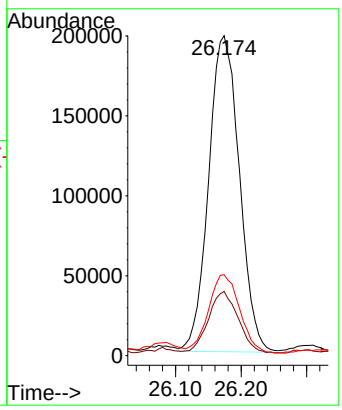


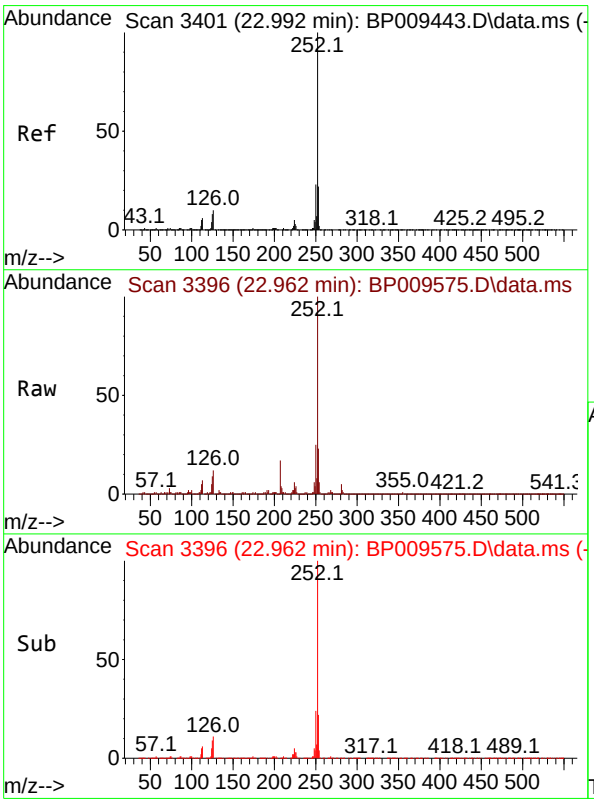
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.773 ng
RT: 26.174 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:276 Resp: 645118

Ion	Ratio	Lower	Upper
276	100		
138	18.9	20.5	30.7#
277	25.0	20.4	30.6

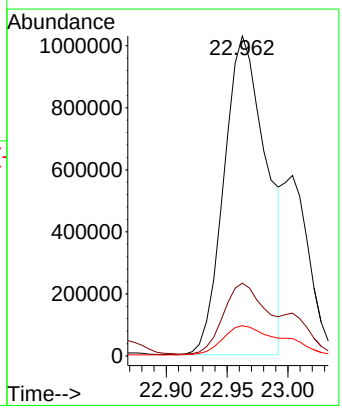


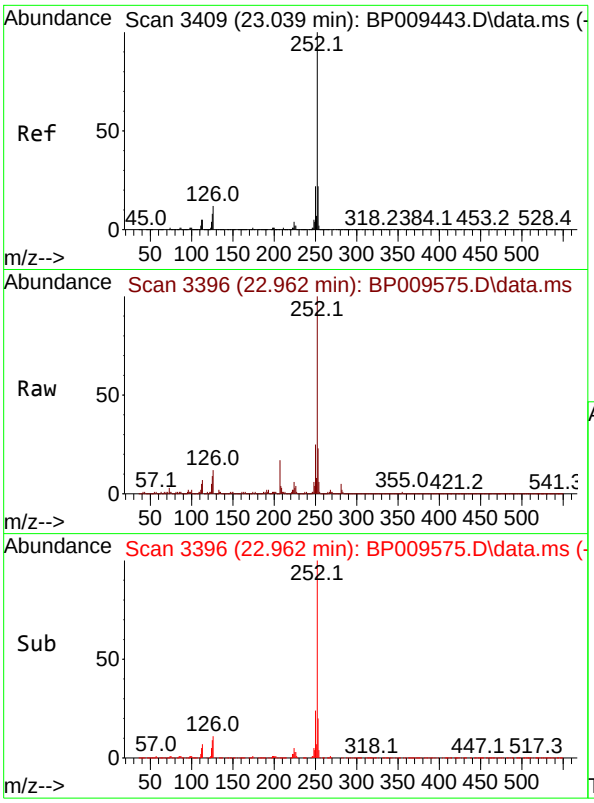


#88
Benzo(b)fluoranthene
Concen: 23.433 ng
RT: 22.962 min Scan# 3396
Delta R.T. -0.000 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:252 Resp: 2492040

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	9.4	8.1	12.1



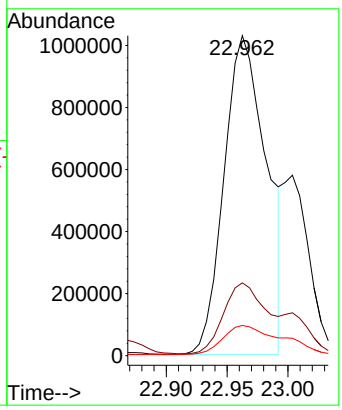


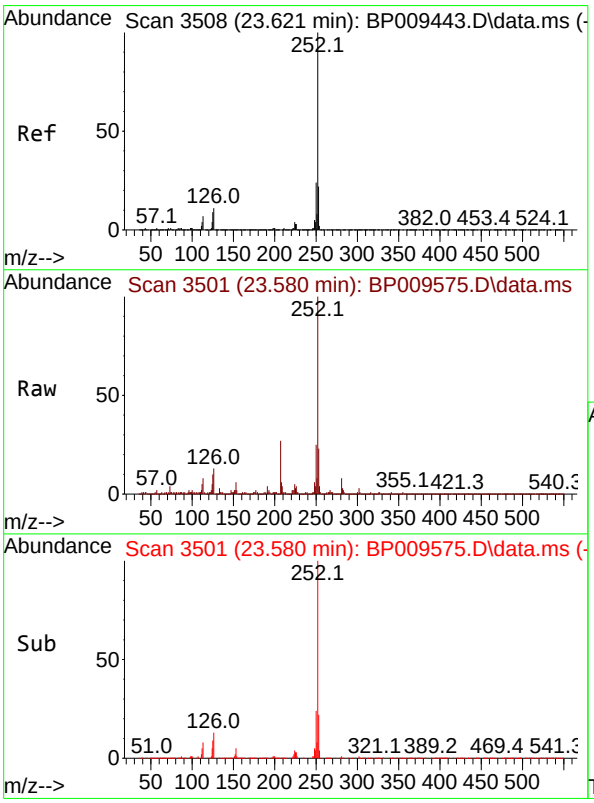
#89
Benzo(k)fluoranthene
Concen: 23.933 ng
RT: 22.962 min Scan# 3
Delta R.T. -0.047 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:252 Resp: 2492040

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	9.4	8.3	12.5

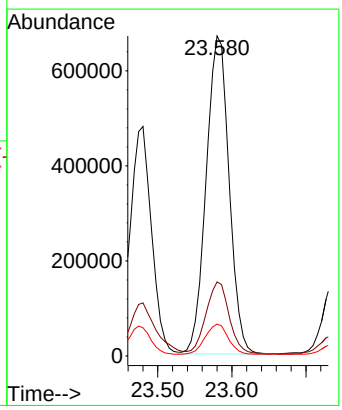


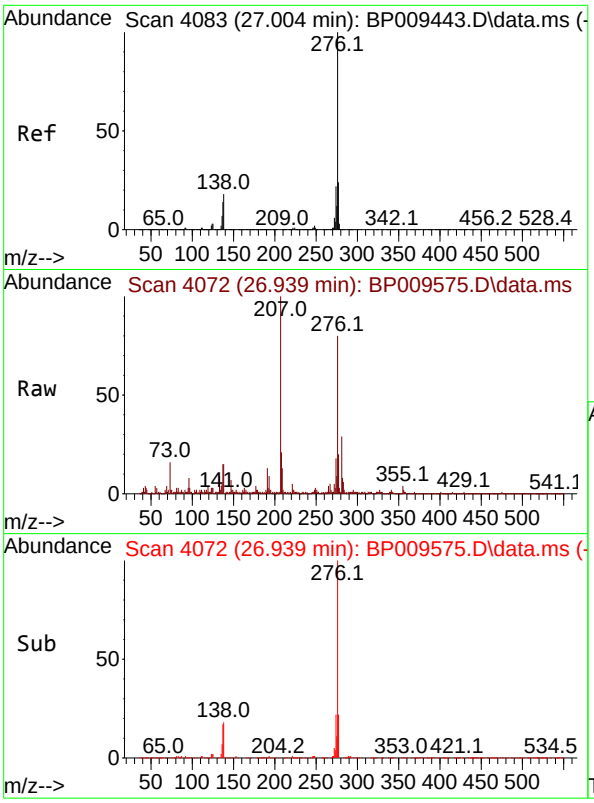


#90
Benzo(a)pyrene
Concen: 15.807 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Tgt Ion:252 Resp: 1438245

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	10.0	9.3	13.9





#92
Benzo(g,h,i)perylene
Concen: 5.043 ng
RT: 26.939 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP009575.D
Acq: 28 Mar 2022 20:36

Instrument :
BNA_P
ClientSampleId :
RO-124030

Tgt Ion:276 Resp: 558780

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	18.6	18.0	27.0