Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009581.D
Acq On : 28 Mar 2022 23:58
Operator : CG/JU
Sample : N2095-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Quant Time: Mar 29 03:14:52 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	7.764	152	327820	20.000	ng		-0.01
21) Naphthalene-d8	10.557	136	1322644	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	837736	20.000	ng		-0.01
64) Phenanthrene-d10	17.175	188	1682220	20.000	ng		-0.01
76) Chrysene-d12	21.298	240	1623052	20.000	ng		0.00
86) Perylene-d12	23.692	264	1829233	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.370	112	2033597	108.307	ng		0.00
7) Phenol-d6	6.958	99	2625099	103.382	ng		0.00
23) Nitrobenzene-d5	8.922	82	1710356	68.718	ng		-0.01
42) 2,4,6-Tribromophenol	15.916	330	1190702	86.132	ng		0.00
45) 2-Fluorobiphenyl	13.034	172	3943112	65.251	ng		0.00
79) Terphenyl-d14	19.757	244	5496649	60.786	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.922	77	24923	Below Cal		#	82
31) Naphthalene	10.605	128	285288	4.187	ng		99
37) 2-Methylnaphthalene	12.228	142	121135	2.534	ng		100
38) 1-Methylnaphthalene	12.446	142	97223	2.088	ng		97
41) Hexachlorocyclopentadiene	12.740	237	24	7.290	ng		87
49) Acenaphthylene	14.134	152	634063	8.348	ng		100
52) Acenaphthene	14.475	154	101176	2.230	ng		98
54) 2,4-Dinitrophenol	14.522	184	349	4.572	ng	#	1
55) Dibenzofuran	14.810	168	165532	2.172	ng	#	86
58) Fluorene	15.469	166	189226	3.156	ng	#	97
71) Phenanthrene	17.222	178	3701406	41.104	ng		100
72) Anthracene	17.310	178	1183771	13.315	ng		99
73) Carbazole	17.587	167	220738	2.539	ng		96
75) Fluoranthene	19.210	202	8310264	76.228	ng		98
78) Pyrene	19.563	202	7776573	72.711	ng		98
81) Benzo(a)anthracene	21.280	228	4688401	43.967	ng		96
83) Chrysene	21.333	228	4305289	42.638	ng		97
87) Indeno(1,2,3-cd)pyrene	26.192	276	3239851	23.345	ng	#	93
88) Benzo(b)fluoranthene	22.969	252	7834075	71.740	ng		99
89) Benzo(k)fluoranthene	22.969	252	7837304	73.302	ng		98
90) Benzo(a)pyrene	23.592	252	4407588	47.176	ng		97
91) Dibenzo(a,h)anthracene	26.198	278	802563	6.939	ng	#	88
92) Benzo(g,h,i)perylene	26.957	276	3052453	26.827	ng		97

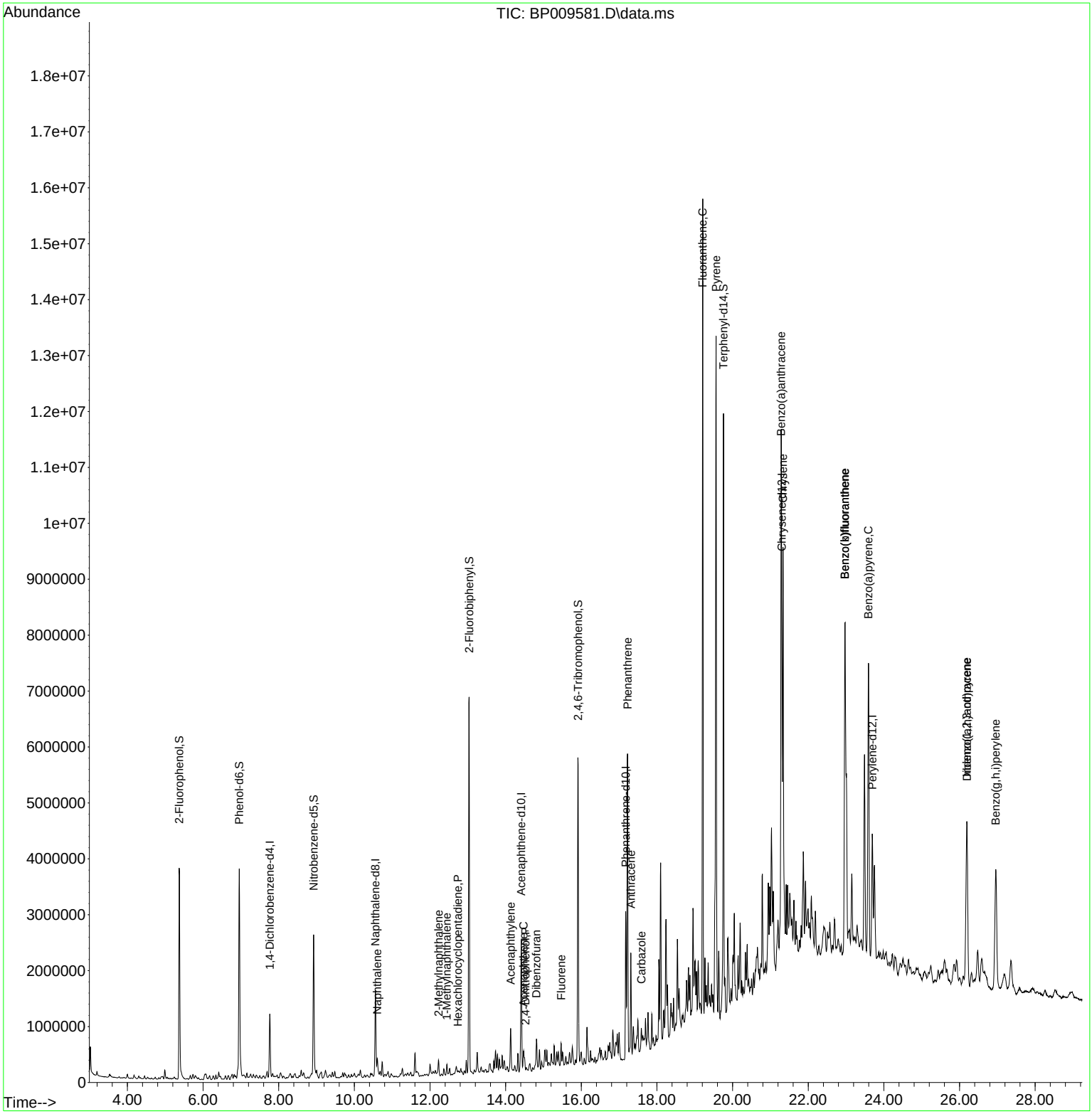
(#) = qualifier out of range (m) = manual integration (+) = signals summed

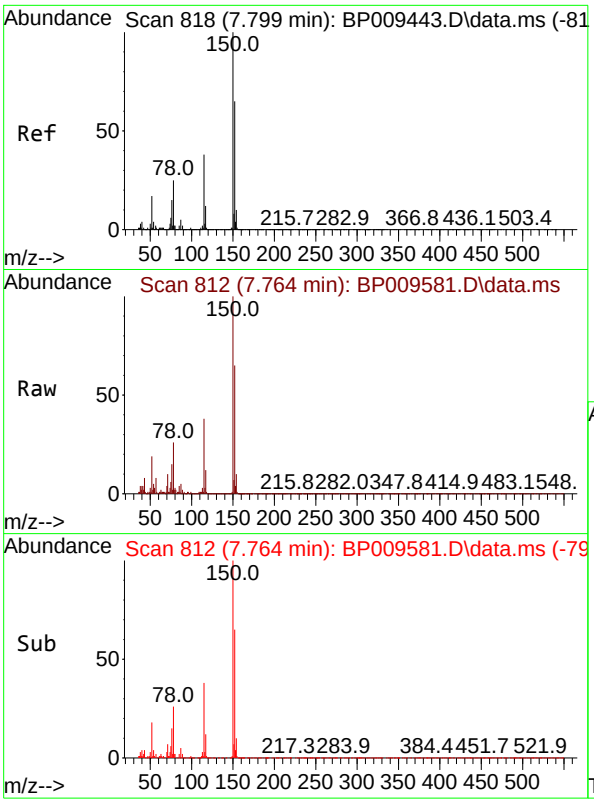
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009581.D
Acq On : 28 Mar 2022 23:58
Operator : CG/JU
Sample : N2095-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Quant Time: Mar 29 03:14:52 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



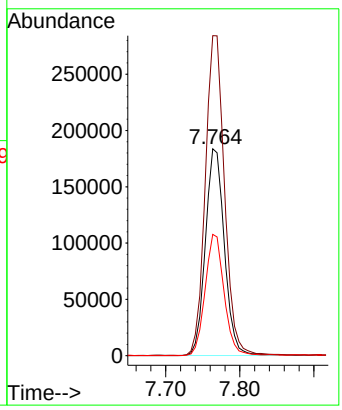


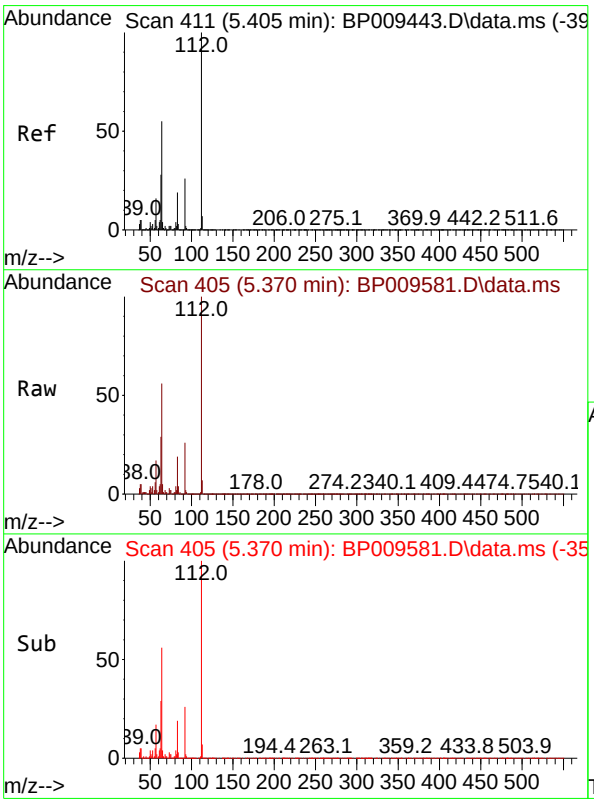
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.764 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:152 Resp: 327820

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.5	186.7
115	58.6	48.2	72.4

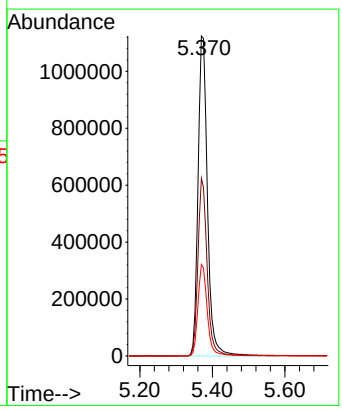


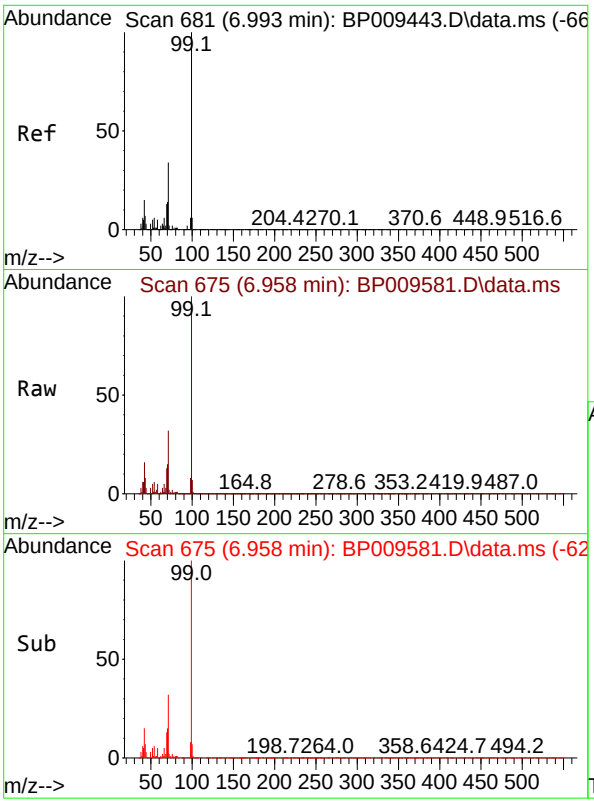


#5
2-Fluorophenol
Concen: 108.307 ng
RT: 5.370 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:112 Resp: 2033597

Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.0	67.4
63	28.6	23.0	34.6



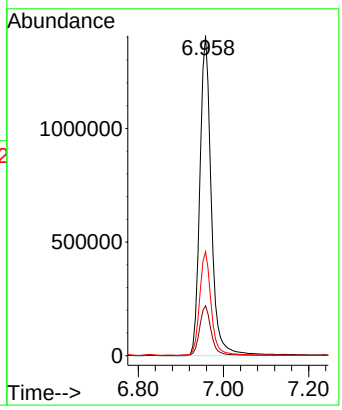


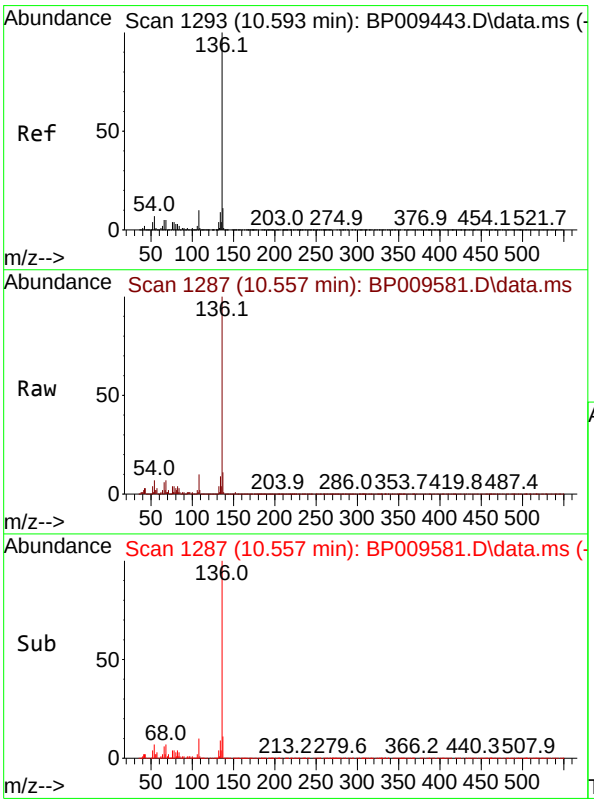
#7
Phenol-d6
Concen: 103.382 ng
RT: 6.958 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion: 99 Resp: 2625099

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	32.5	26.3	39.5

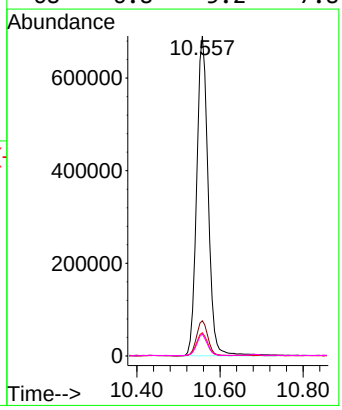


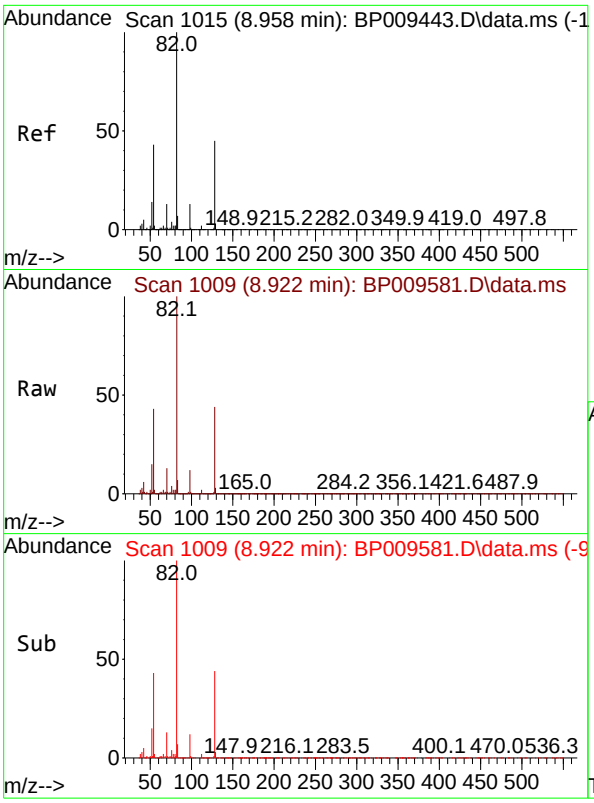


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:136 Resp: 1322644

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.2	5.8	8.8
68	6.8	5.2	7.8



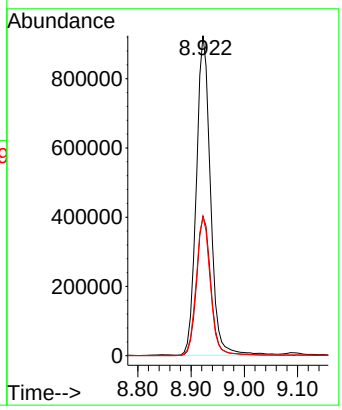


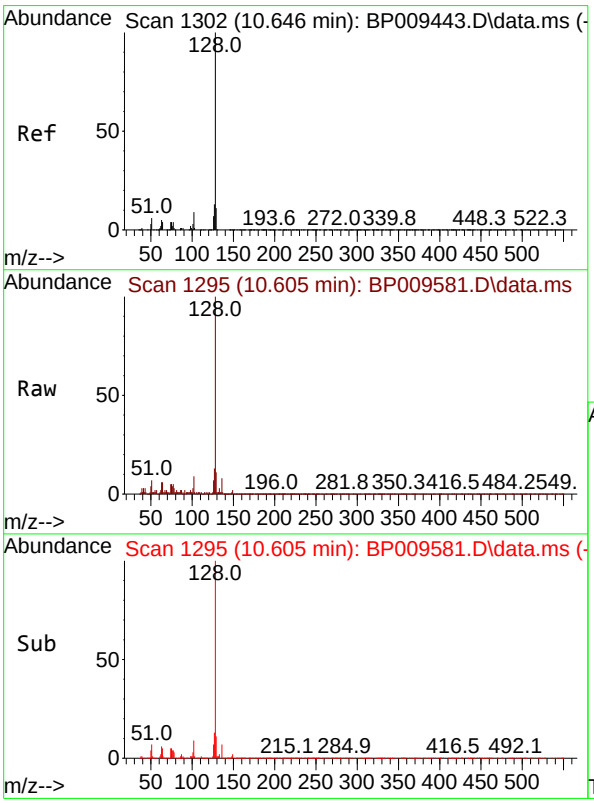
#23
Nitrobenzene-d5
Concen: 68.718 ng
RT: 8.922 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion: 82 Resp: 1710356

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.4
54	43.4	34.7	52.1

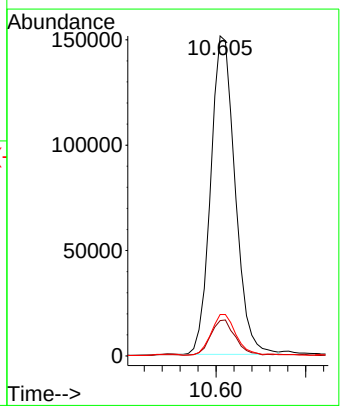


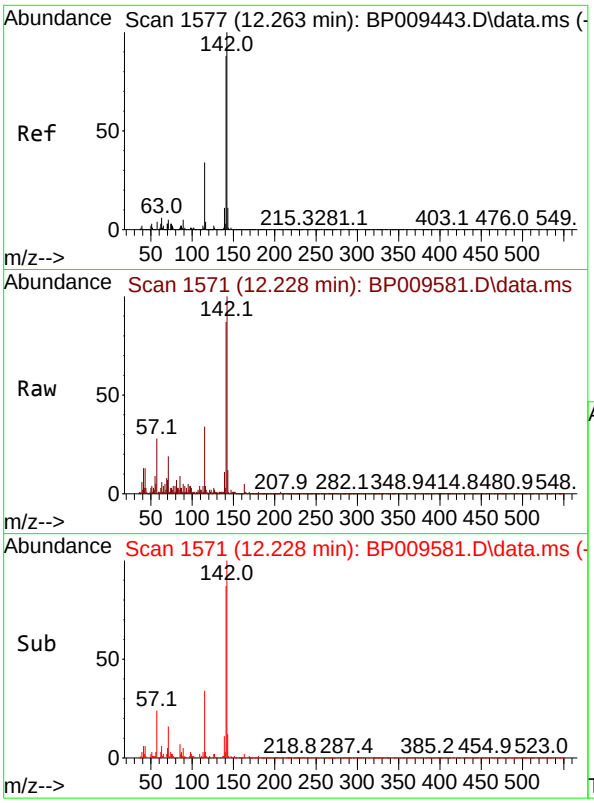


#31
Naphthalene
Concen: 4.187 ng
RT: 10.605 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:128 Resp: 285288

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	12.9	10.5	15.7



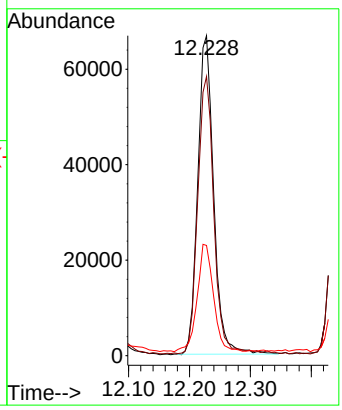


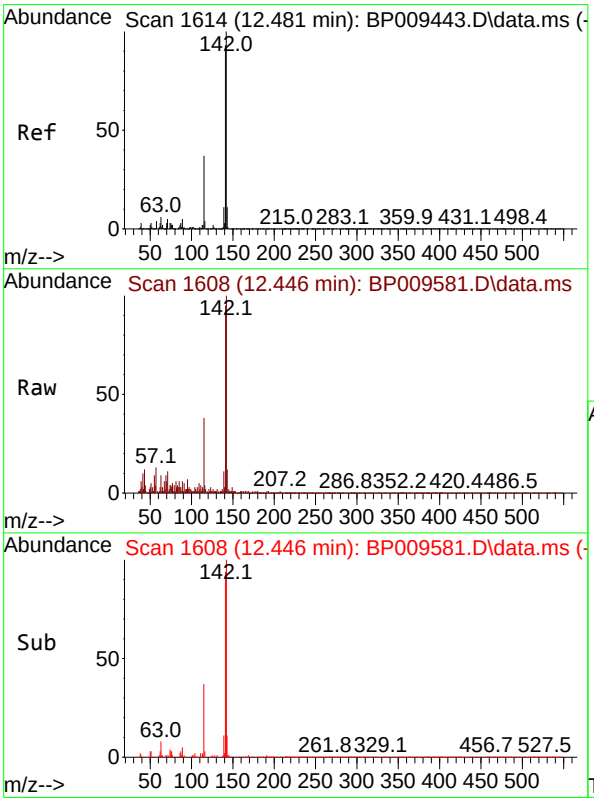
#37
2-Methylnaphthalene
Concen: 2.534 ng
RT: 12.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:142 Resp: 121135

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.2	105.4
115	34.4	27.4	41.2

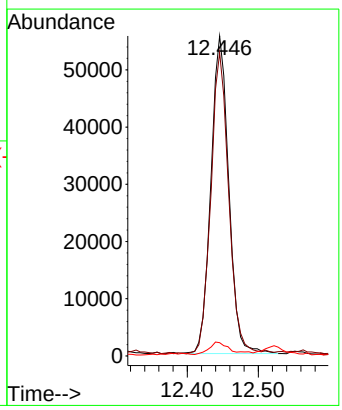


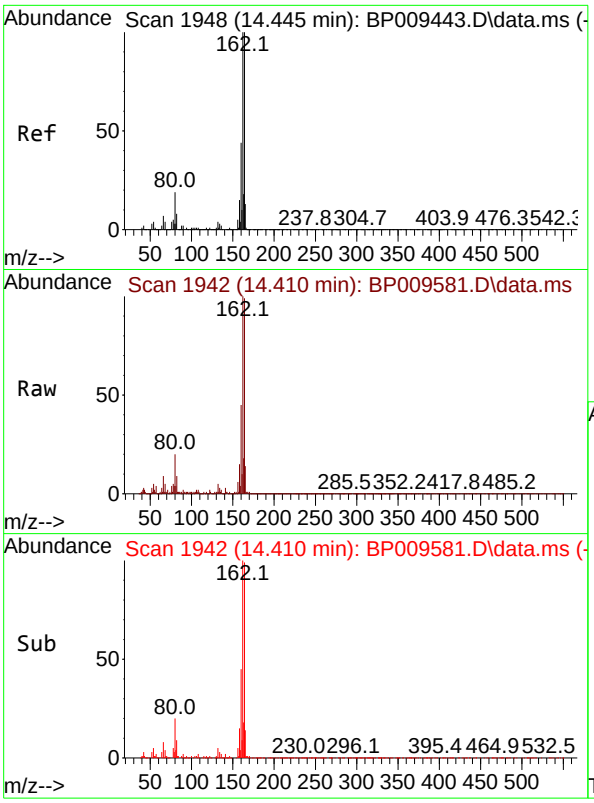


#38
1-Methylnaphthalene
Concen: 2.088 ng
RT: 12.446 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:142 Resp: 97223

Ion	Ratio	Lower	Upper
142	100		
141	94.8	73.5	110.3
116	4.2	3.3	4.9



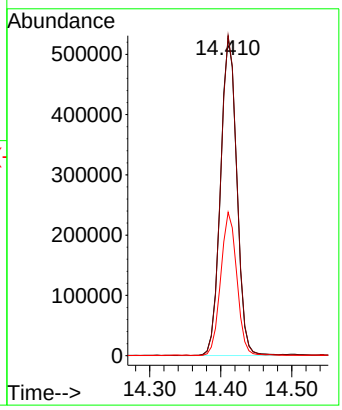


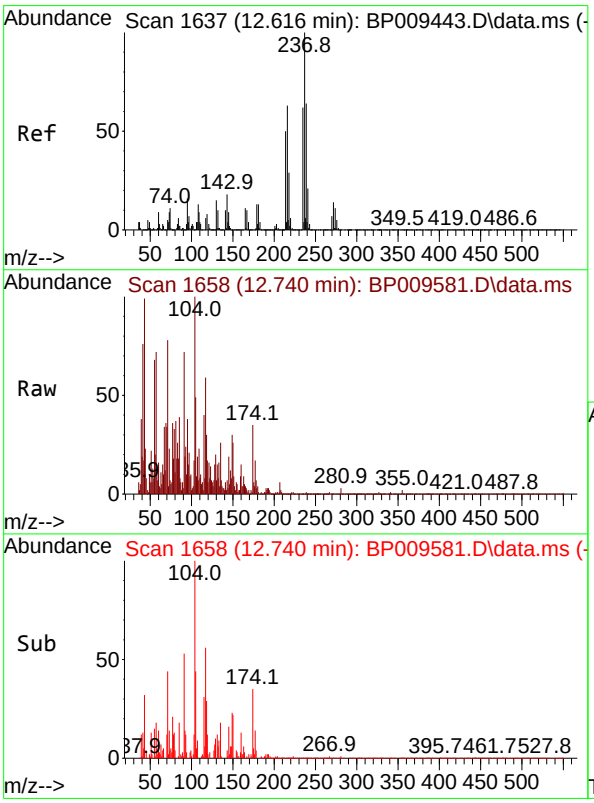
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:164 Resp: 837736

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.1	118.7
160	45.1	34.9	52.3

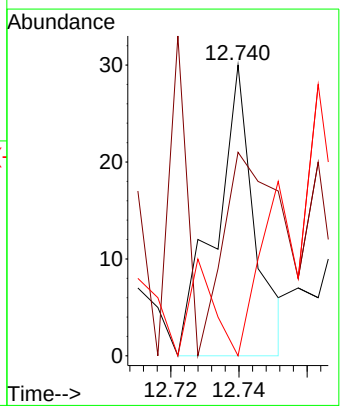


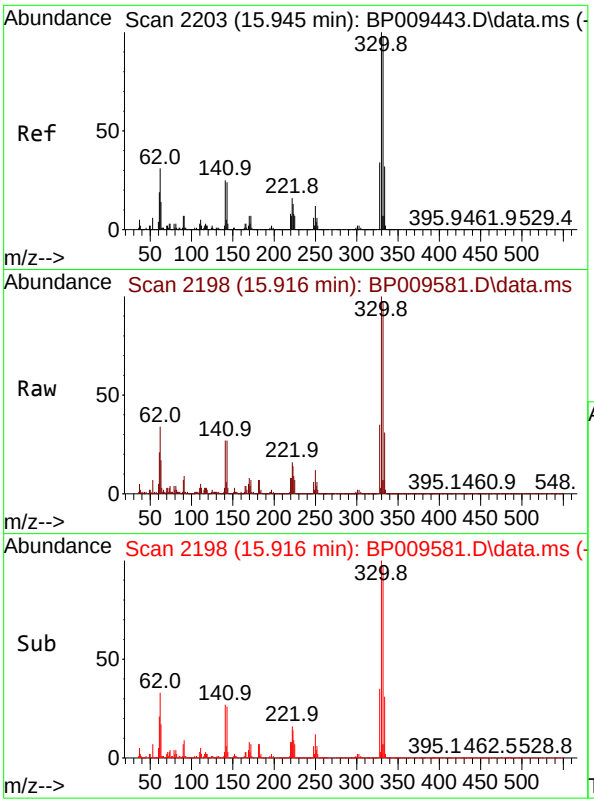


#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.740 min Scan# 1658
Delta R.T. 0.153 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:237 Resp: 24

Ion	Ratio	Lower	Upper
237	100		
235	70.0	42.6	82.6
272	0.0	0.0	32.8



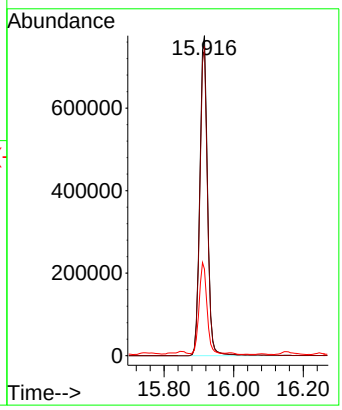


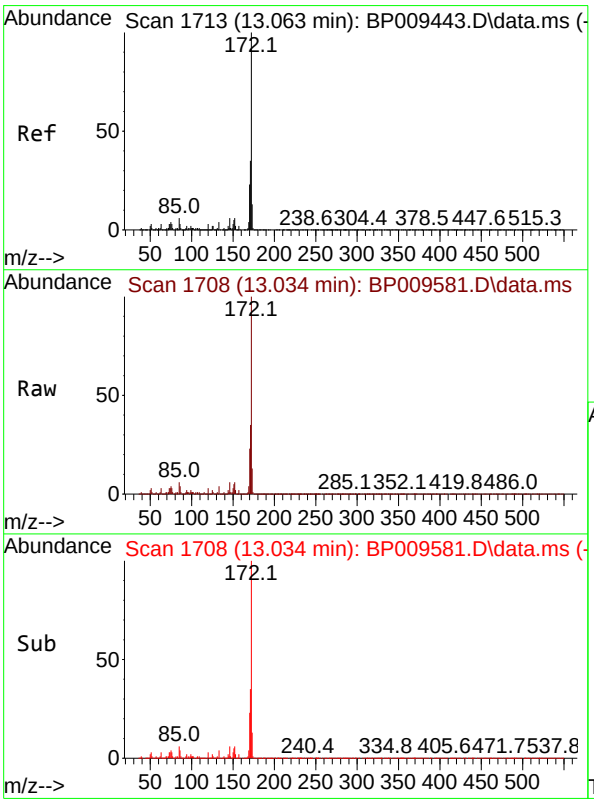
#42
2,4,6-Tribromophenol
Concen: 86.132 ng
RT: 15.916 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:330 Resp: 1190702

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	28.8	27.6	41.4

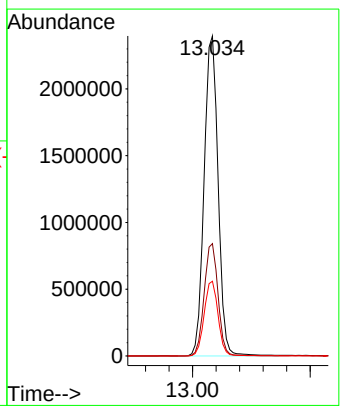


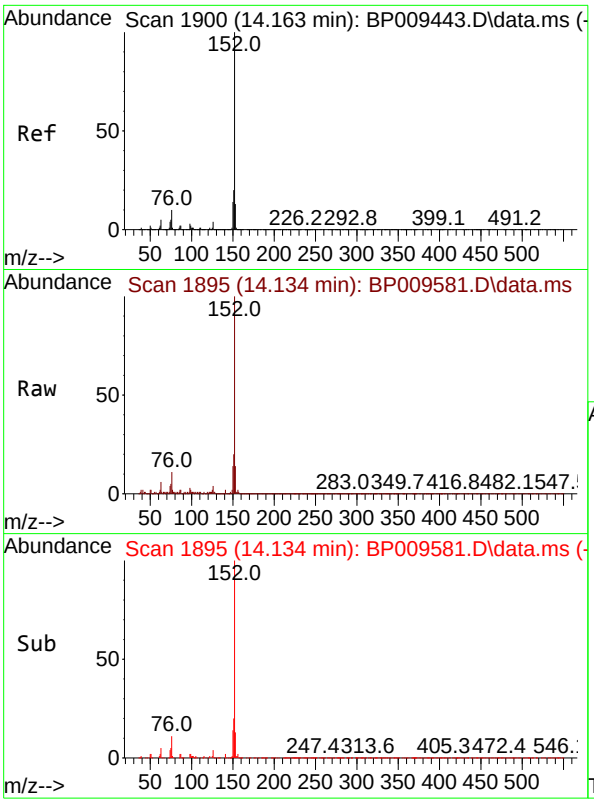


#45
2-Fluorobiphenyl
Concen: 65.251 ng
RT: 13.034 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:172 Resp: 3943112

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	23.4	18.6	27.8



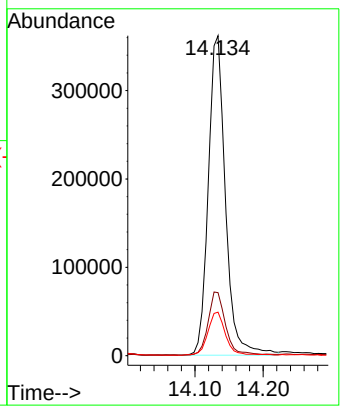


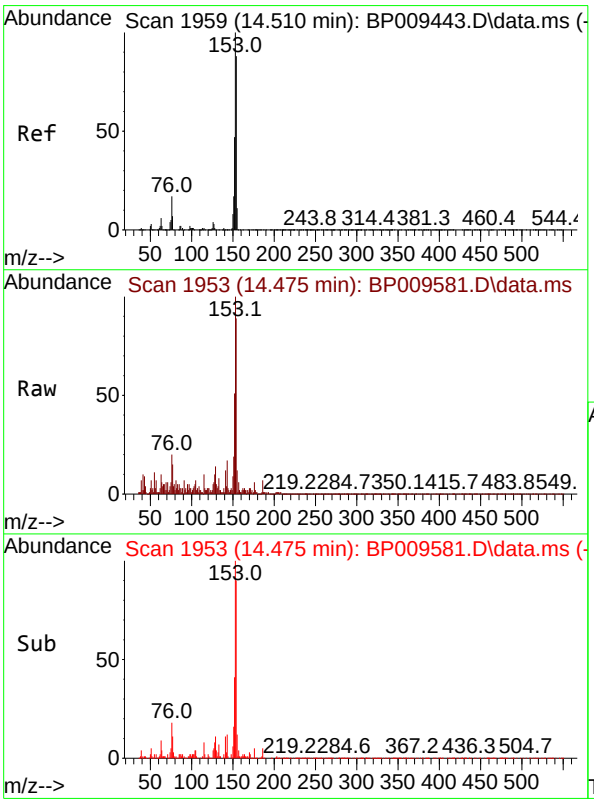
#49
Acenaphthylene
Concen: 8.348 ng
RT: 14.134 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:152 Resp: 634063

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.6	10.7	16.1

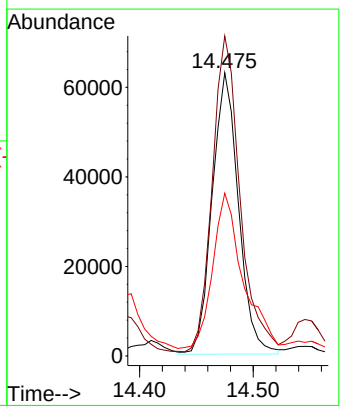


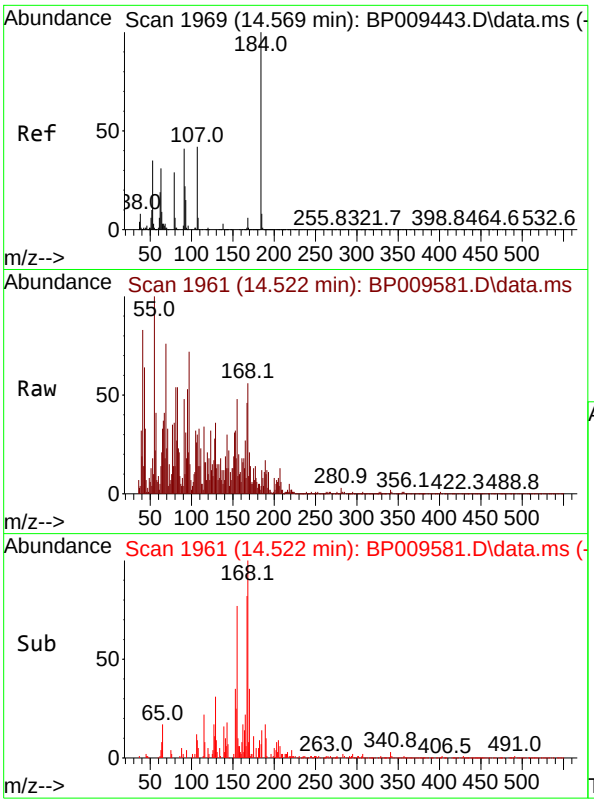


#52
Acenaphthene
Concen: 2.230 ng
RT: 14.475 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:154 Resp: 101176

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.2	135.4
152	57.5	42.7	64.1



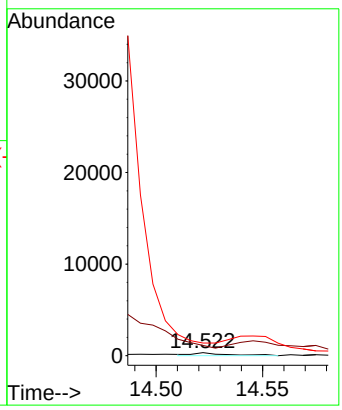


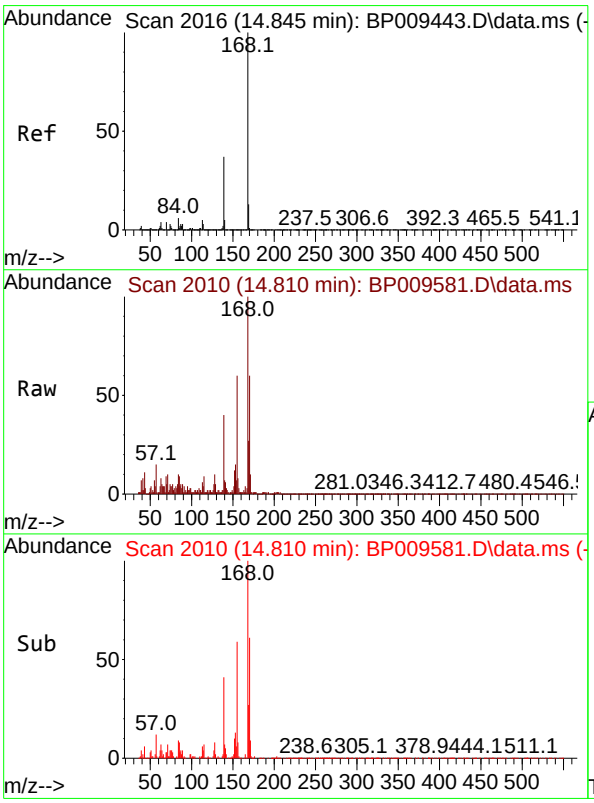
#54
2,4-Dinitrophenol
Concen: 4.572 ng
RT: 14.522 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:184 Resp: 349

Ion	Ratio	Lower	Upper
184	100		
63	331.5	46.3	69.5#
154	411.6	45.8	68.6#

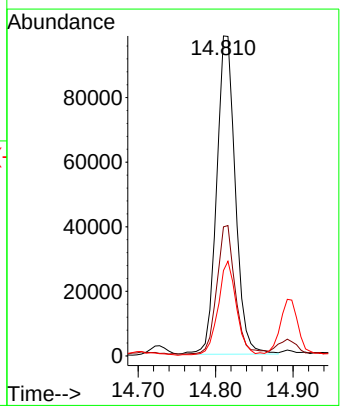


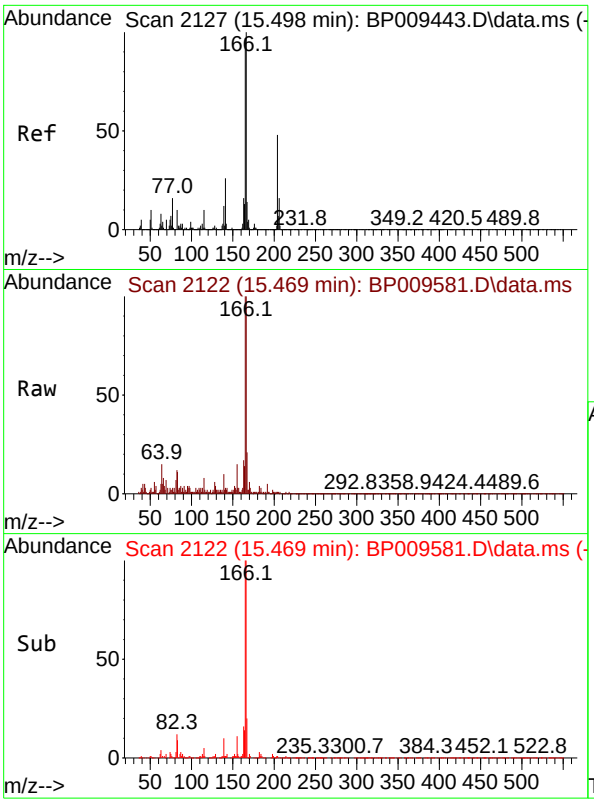


#55
Dibenzofuran
Concen: 2.172 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:168 Resp: 165532

Ion	Ratio	Lower	Upper
168	100		
139	40.4	29.1	43.7
169	26.7	10.6	16.0#



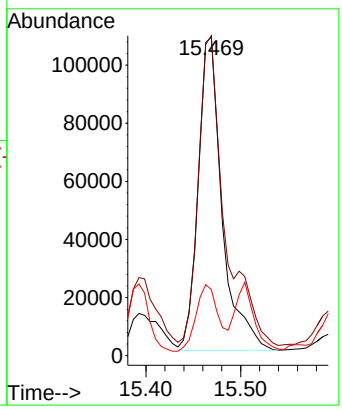


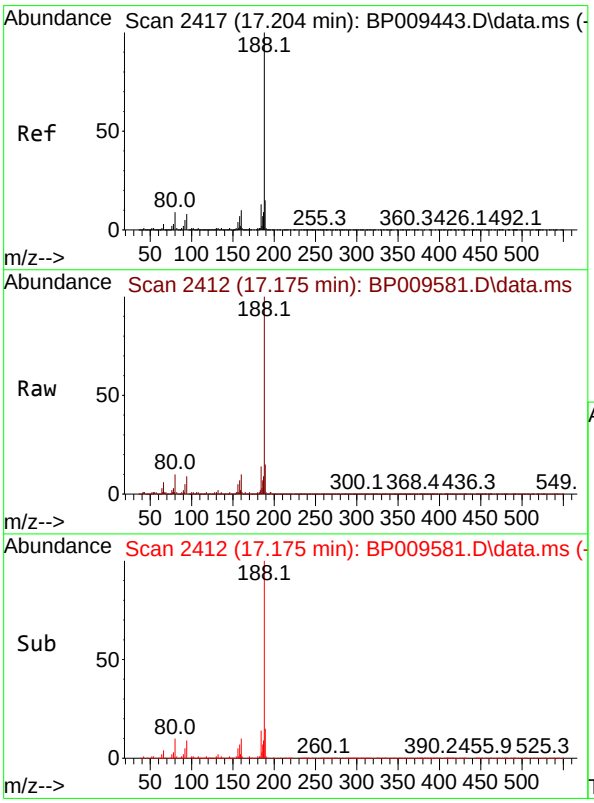
#58
Fluorene
Concen: 3.156 ng
RT: 15.469 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:166 Resp: 189226

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.2	118.8
167	20.7	10.7	16.1#

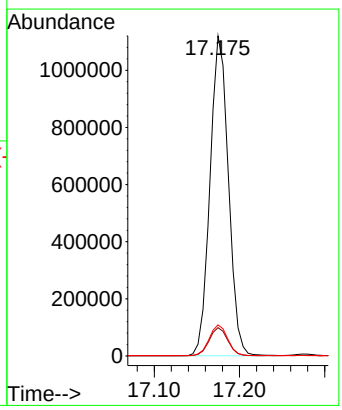


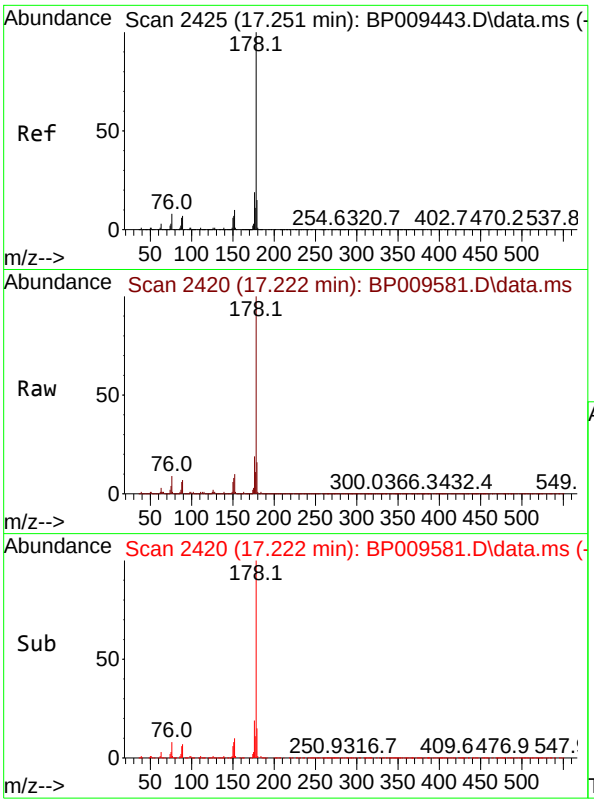


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:188 Resp: 1682220

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.9	11.9
80	9.7	8.8	13.2



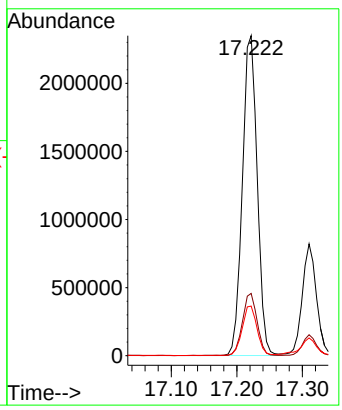


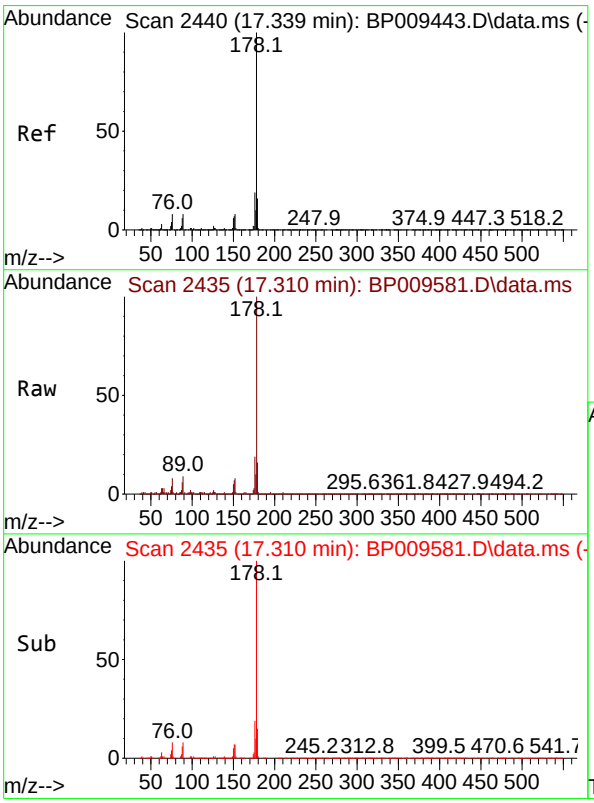
#71
Phenanthrene
Concen: 41.104 ng
RT: 17.222 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:178 Resp: 3701406

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.5	12.3	18.5

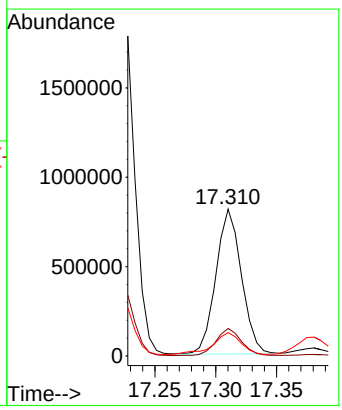


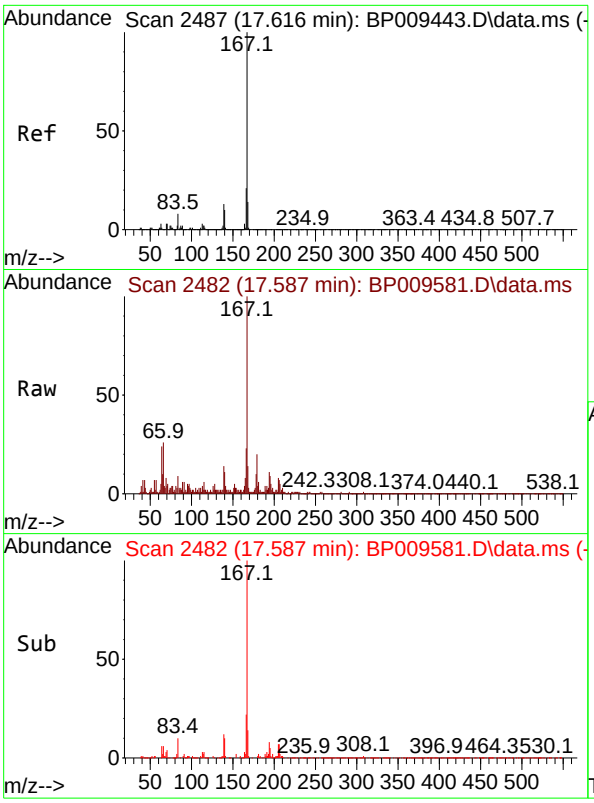


#72
Anthracene
Concen: 13.315 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:178 Resp: 1183771

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.9	12.2	18.4



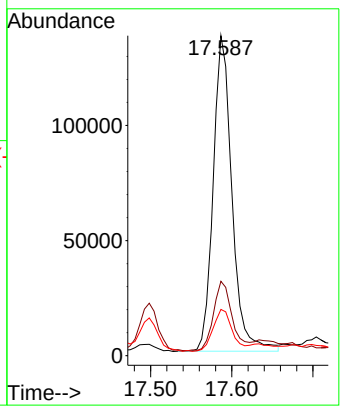


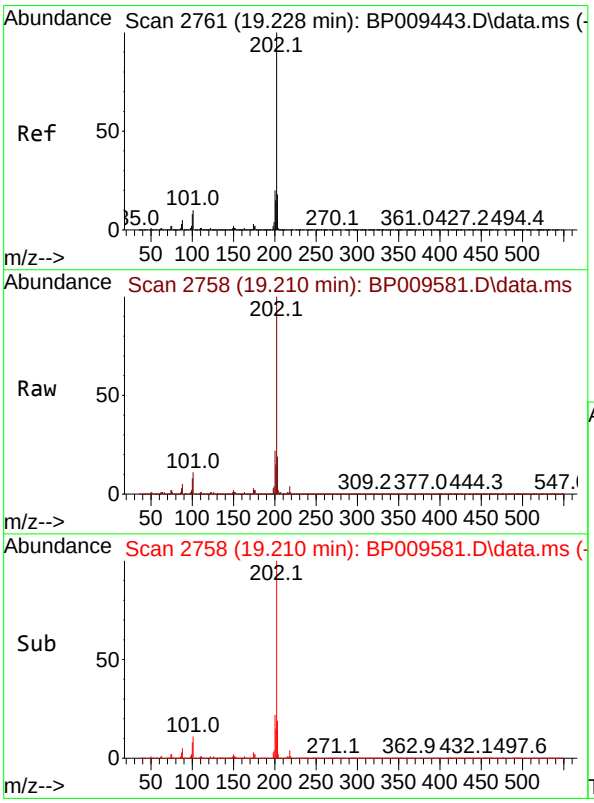
#73
Carbazole
Concen: 2.539 ng
RT: 17.587 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:167 Resp: 220738

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.2	25.8
139	14.4	10.3	15.5

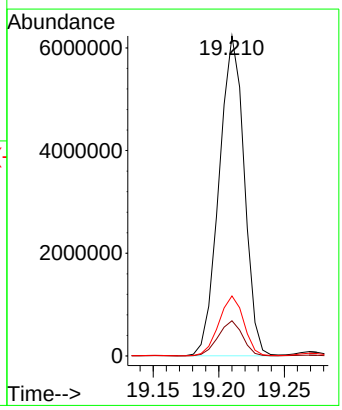


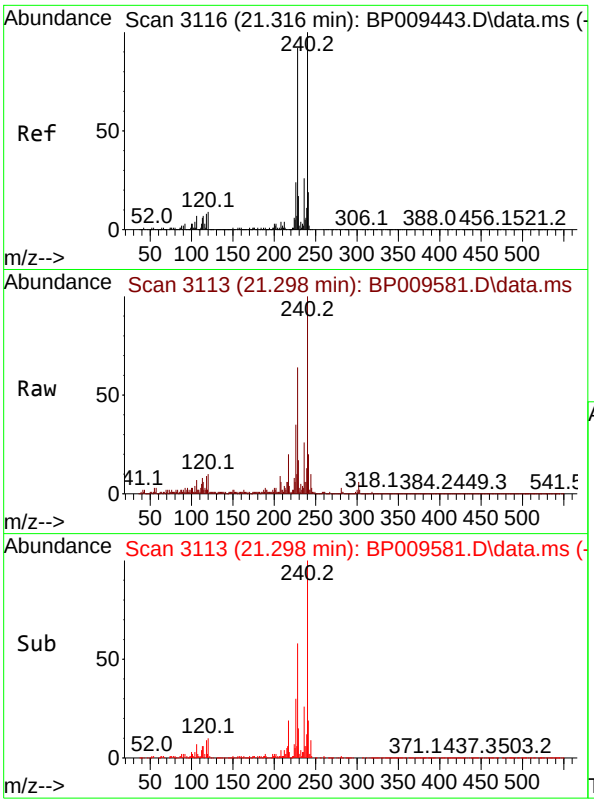


#75
Fluoranthene
Concen: 76.228 ng
RT: 19.210 min Scan# 2758
Delta R.T. 0.000 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:202 Resp: 8310264

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.5
203	18.8	0.0	37.8



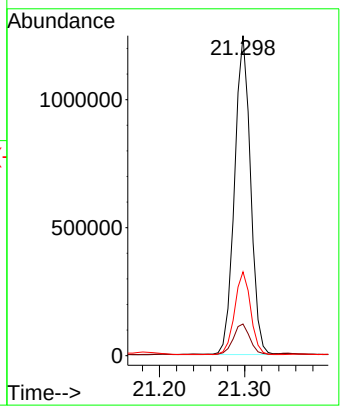


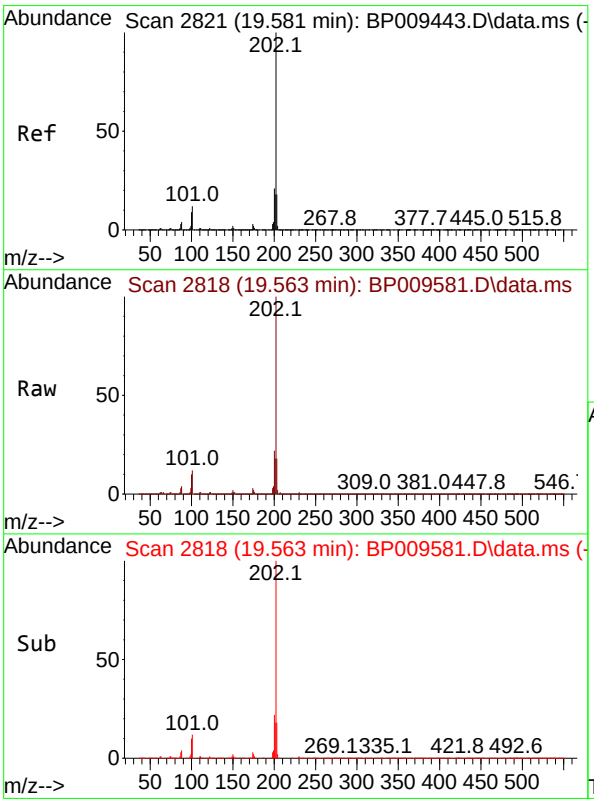
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:240 Resp: 1623052

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.0	13.4
236	26.2	20.6	30.8

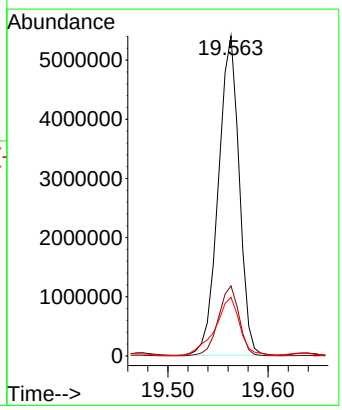


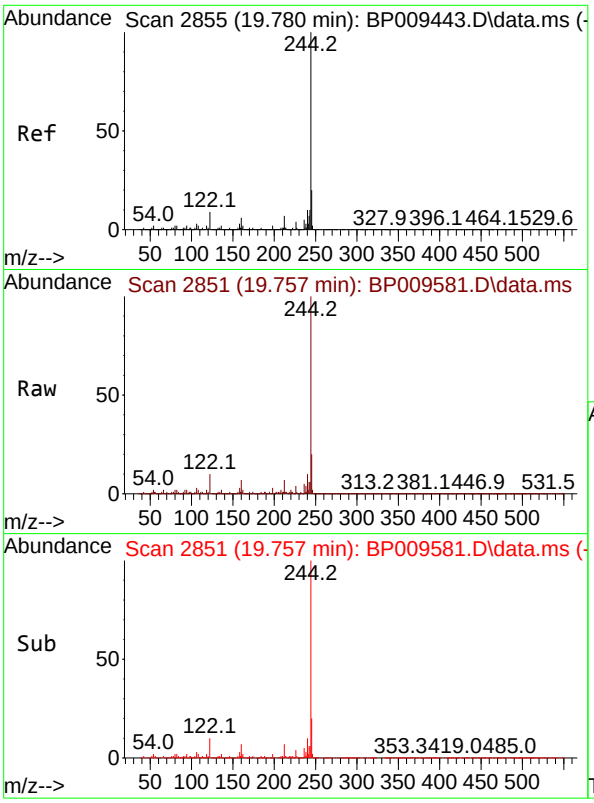


#78
Pyrene
Concen: 72.711 ng
RT: 19.563 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:202 Resp: 7776573

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.8	25.2
203	18.3	14.2	21.4



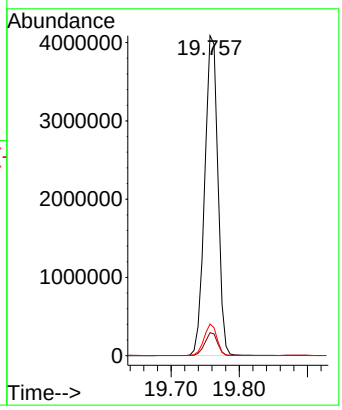


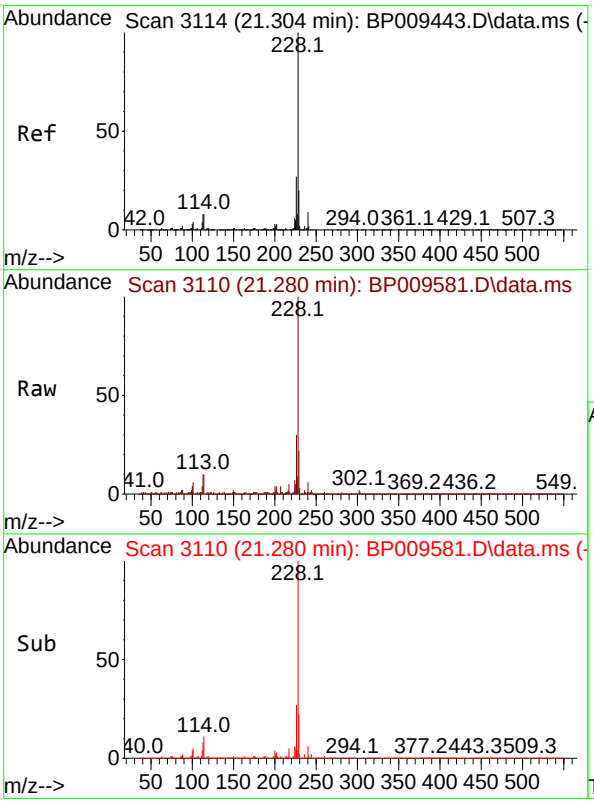
#79
Terphenyl-d14
Concen: 60.786 ng
RT: 19.757 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:244 Resp: 5496649

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.9	8.3	12.5

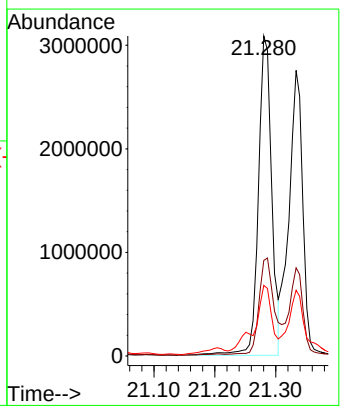


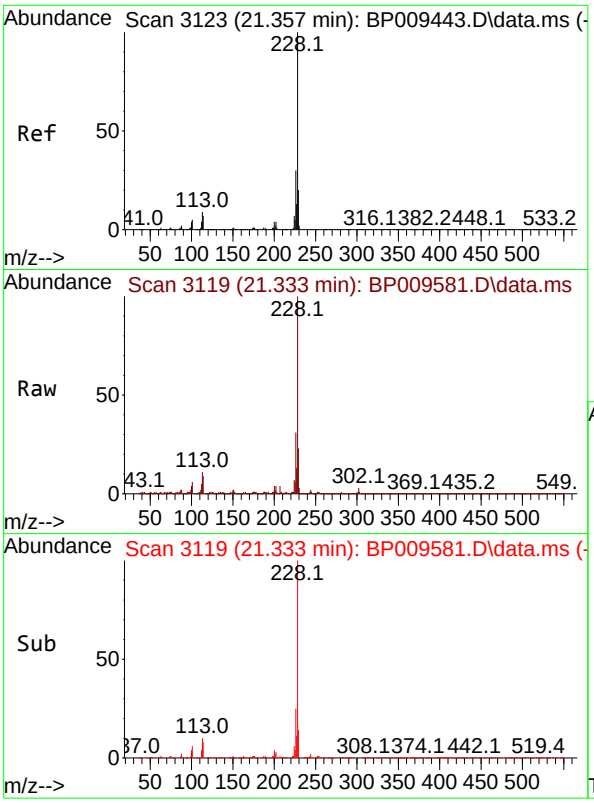


#81
Benzo(a)anthracene
Concen: 43.967 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:228 Resp: 4688401

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.0	33.0
229	22.0	16.1	24.1



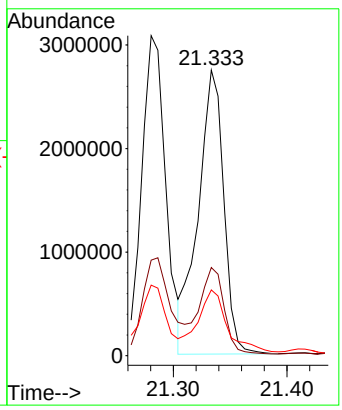


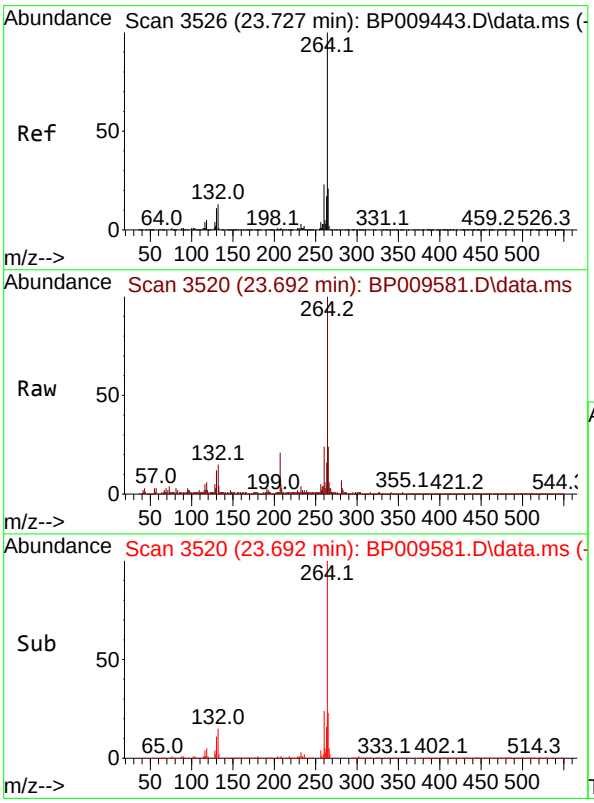
#83
Chrysene
Concen: 42.638 ng
RT: 21.333 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:228 Resp: 4305289

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	23.0	16.1	24.1

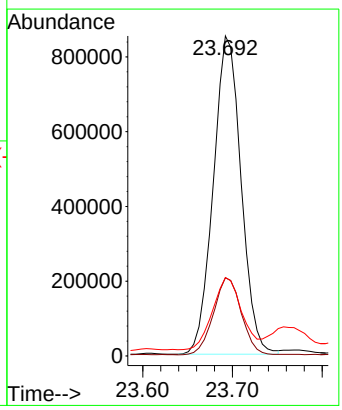


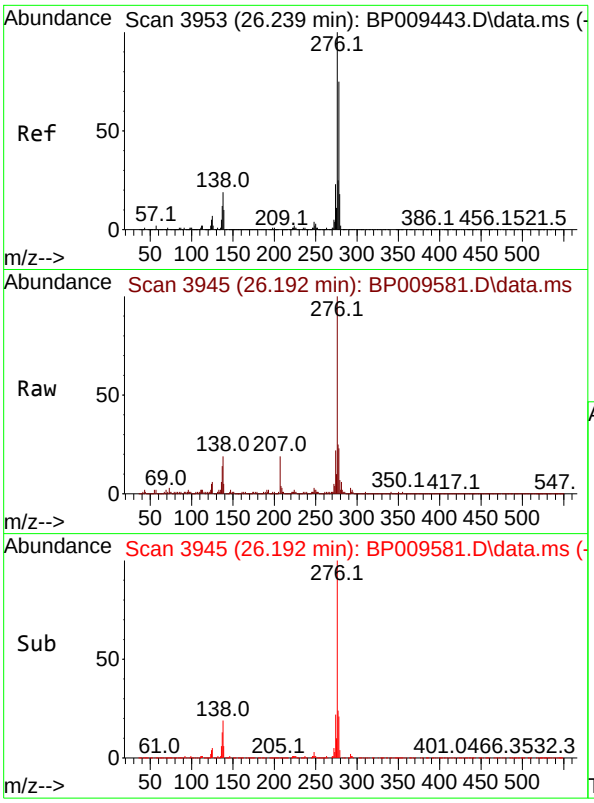


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 3520
Delta R.T. 0.000 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:264 Resp: 1829233

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	24.5	17.2	25.8



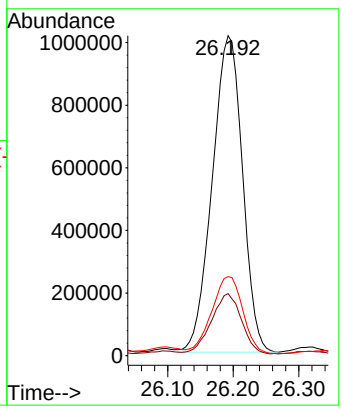


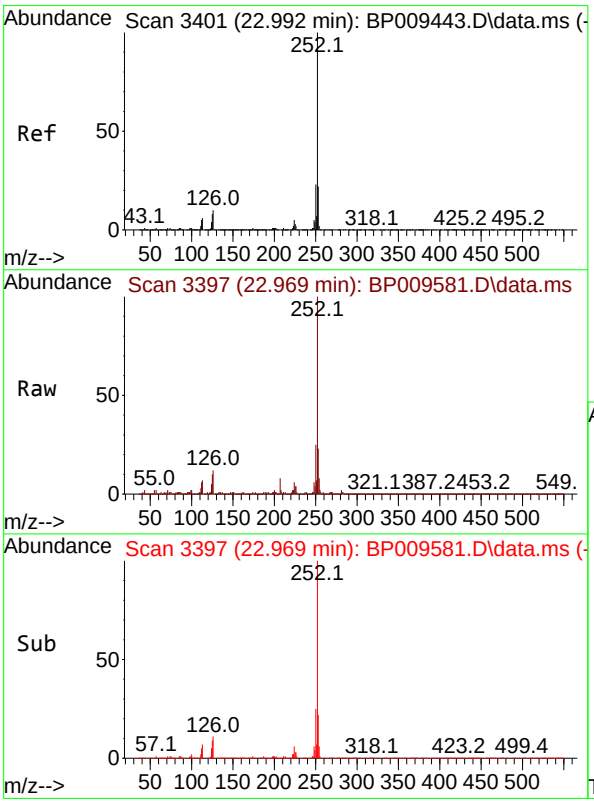
#87
Indeno(1,2,3-cd)pyrene
Concen: 23.345 ng
RT: 26.192 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:276 Resp: 3239851

Ion	Ratio	Lower	Upper
276	100		
138	19.0	20.5	30.7#
277	24.9	20.4	30.6

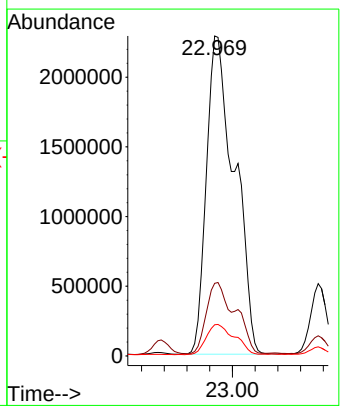


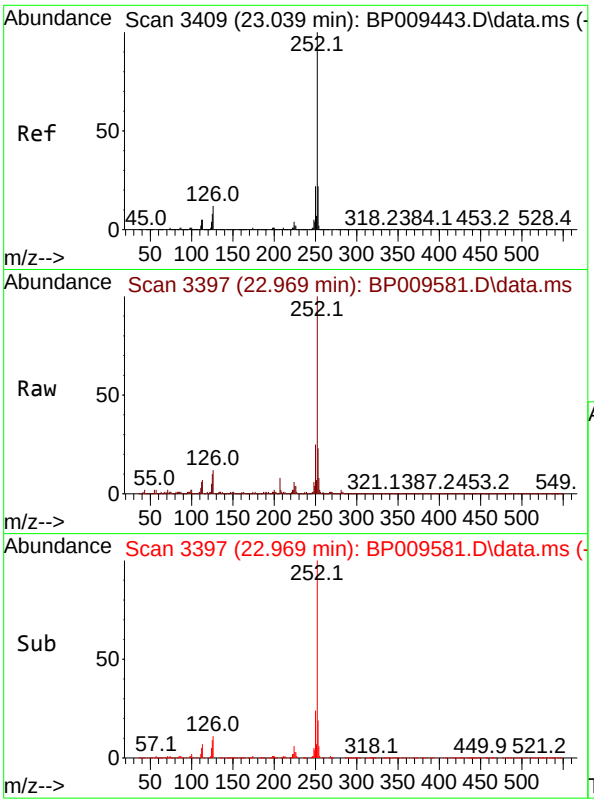


#88
Benzo(b)fluoranthene
Concen: 71.740 ng
RT: 22.969 min Scan# 3397
Delta R.T. 0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:252 Resp: 7834075

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	9.8	8.1	12.1



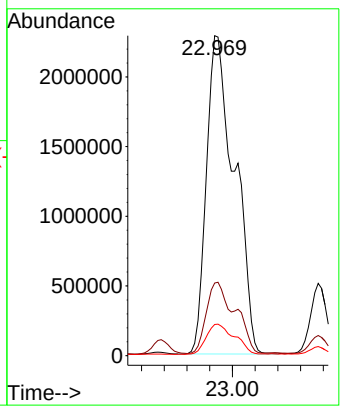


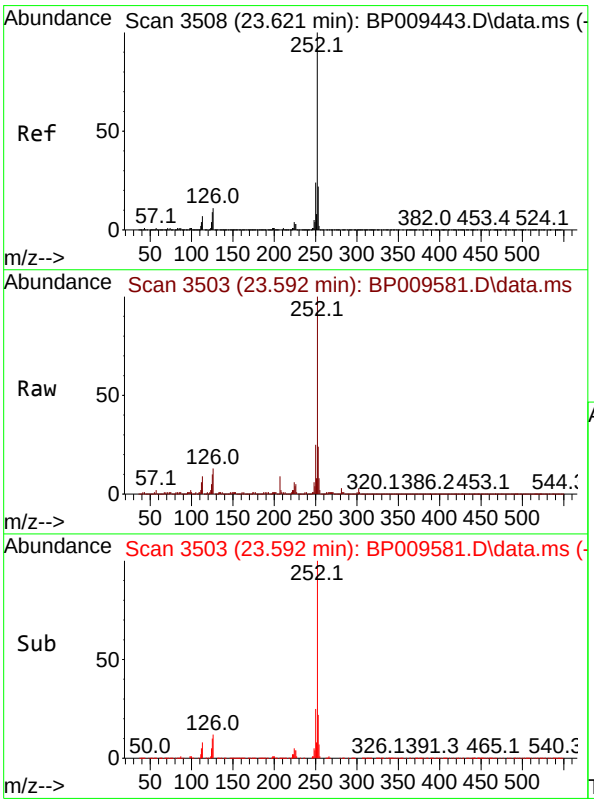
#89
Benzo(k)fluoranthene
Concen: 73.302 ng
RT: 22.969 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:252 Resp: 7837304

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	9.8	8.3	12.5

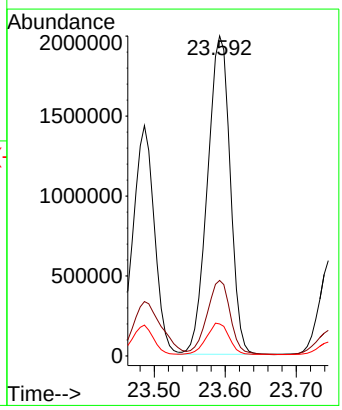


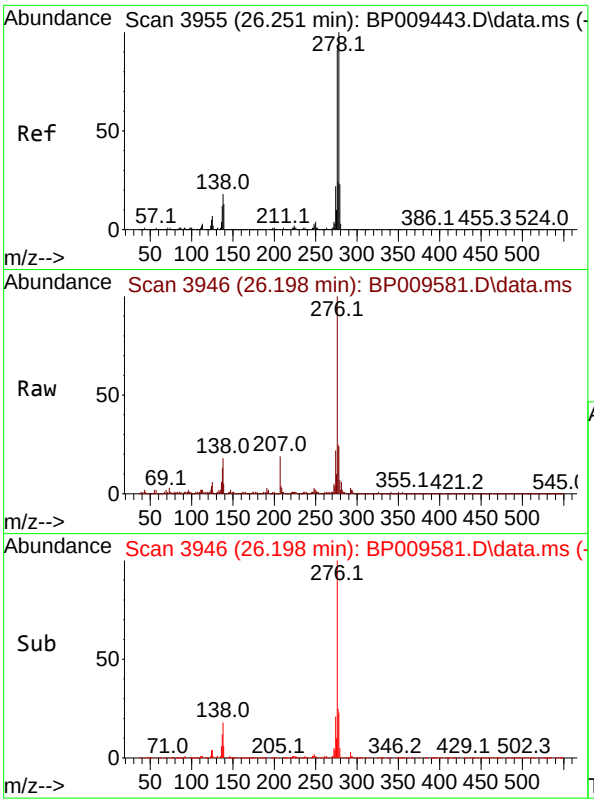


#90
Benzo(a)pyrene
Concen: 47.176 ng
RT: 23.592 min Scan# 3503
Delta R.T. 0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:252 Resp: 4407588

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	10.0	9.3	13.9



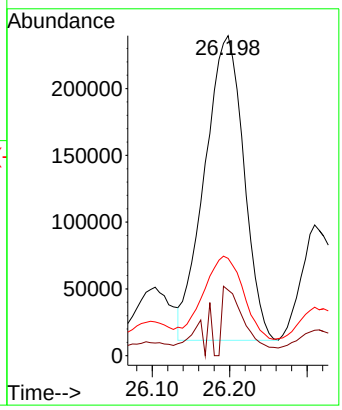


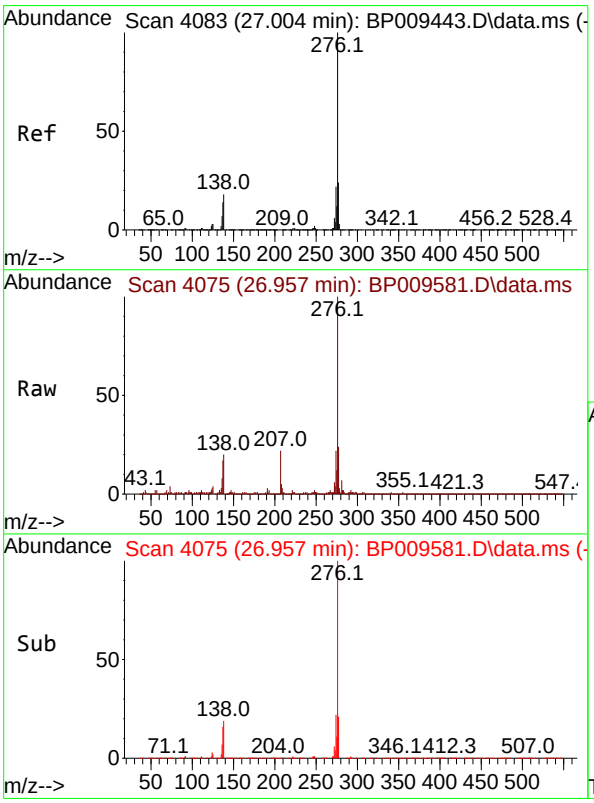
#91
Dibenzo(a,h)anthracene
Concen: 6.939 ng
RT: 26.198 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Instrument :
BNA_P
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion:278 Resp: 802563

Ion	Ratio	Lower	Upper
278	100		
139	20.5	13.2	19.8#
279	30.4	19.2	28.8#





#92
Benzo(g,h,i)perylene
Concen: 26.827 ng
RT: 26.957 min Scan# 4075
Delta R.T. 0.006 min
Lab File: BP009581.D
Acq: 28 Mar 2022 23:58

Tgt Ion:276 Resp: 3052453

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	19.6	18.0	27.0