Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009101.D
Acq On : 10 Feb 2022 16:08
Operator : CG/JU
Sample : N1435-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-369

Quant Time: Feb 10 18:00:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	216391	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	830976	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	582381	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1207347	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1088807	20.000	ng	0.00
86) Perylene-d12	23.698	264	1189584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1431468	118.002	ng	0.01
7) Phenol-d6	6.999	99	1779336	111.317	ng	0.01
23) Nitrobenzene-d5	8.963	82	1094994	74.311	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	989858	127.299	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3065514	73.687	ng	0.00
79) Terphenyl-d14	19.769	244	4054118	66.960	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.558	42	24350	5.446	ng	# 1
32) Benzoic acid	9.957	122	70	2.698	ng	# 1
41) Hexachlorocyclopentadiene	12.434	237	29	8.660	ng	80
54) 2,4-Dinitrophenol	14.587	184	18	2.171	ng	# 1
56) 4-Nitrophenol	14.851	139	10678	3.472	ng	# 25
71) Phenanthrene	17.245	178	584082	8.934	ng	98
72) Anthracene	17.339	178	143265	2.240	ng	99
75) Fluoranthene	19.222	202	963501	13.150	ng	96
78) Pyrene	19.569	202	1025326	13.238	ng	98
81) Benzo(a)anthracene	21.286	228	513471	7.318	ng	99
83) Chrysene	21.339	228	487149	7.202	ng	97
87) Indeno(1,2,3-cd)pyrene	26.204	276	290259	3.284	ng	# 94
88) Benzo(b)fluoranthene	22.968	252	798272	10.901	ng	99
89) Benzo(k)fluoranthene	22.968	252	798327	10.927	ng	99
90) Benzo(a)pyrene	23.592	252	437992	7.174	ng	99
92) Benzo(g,h,i)perylene	26.968	276	291938	4.037	ng	93

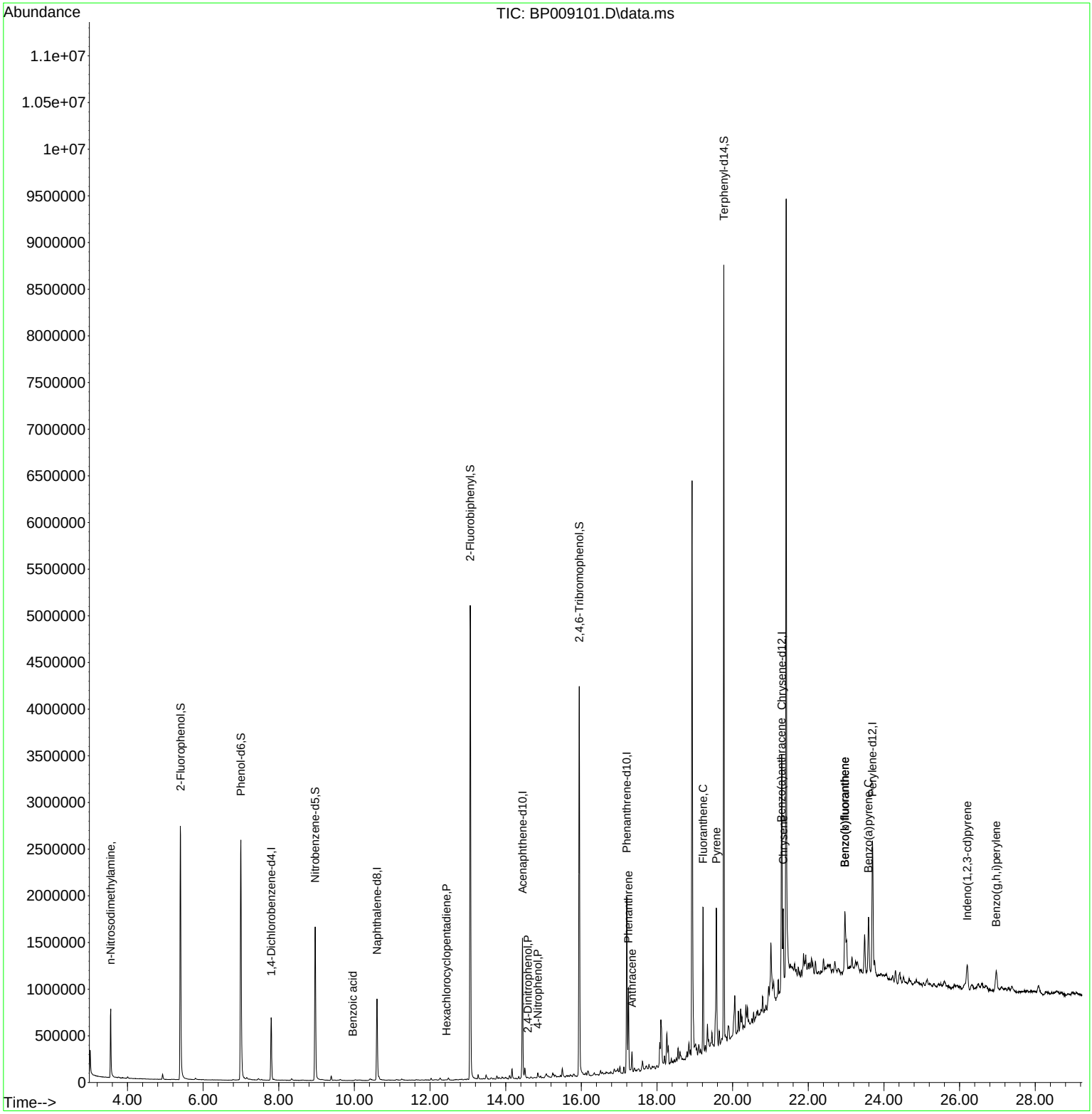
(#) = qualifier out of range (m) = manual integration (+) = signals summed

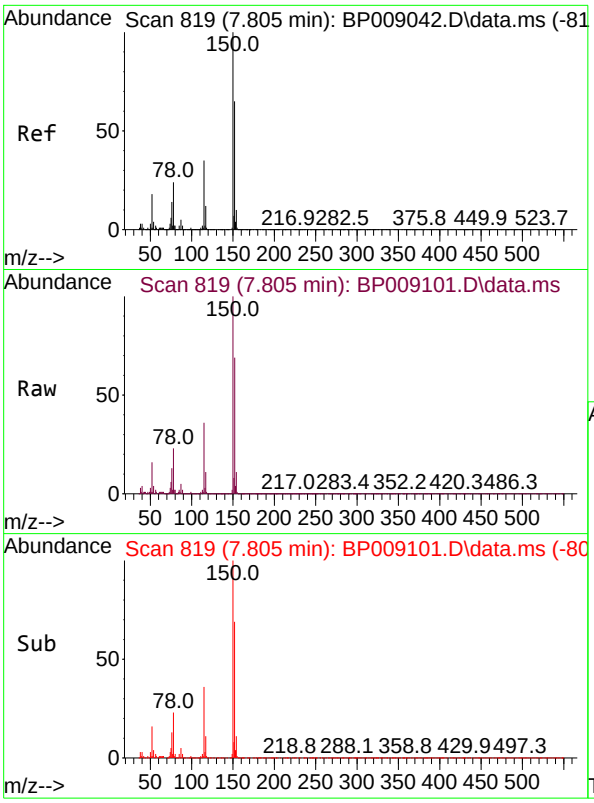
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009101.D
Acq On : 10 Feb 2022 16:08
Operator : CG/JU
Sample : N1435-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-369

Quant Time: Feb 10 18:00:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration



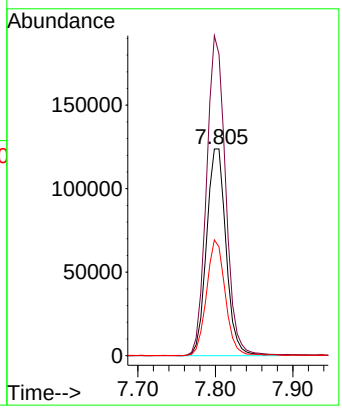


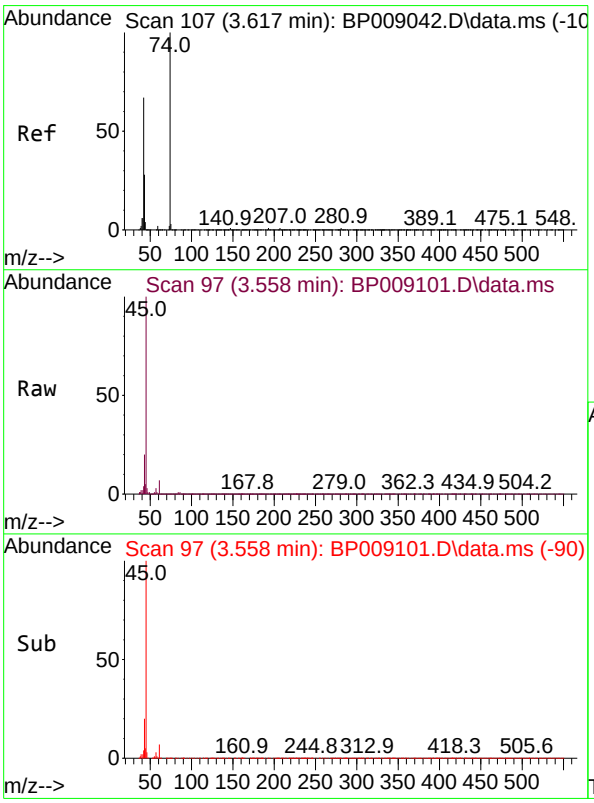
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Instrument :
BNA_P
ClientSampleId :
RO-369

Tgt Ion:152 Resp: 216391

Ion	Ratio	Lower	Upper
152	100		
150	145.8	127.0	190.6
115	52.6	43.7	65.5

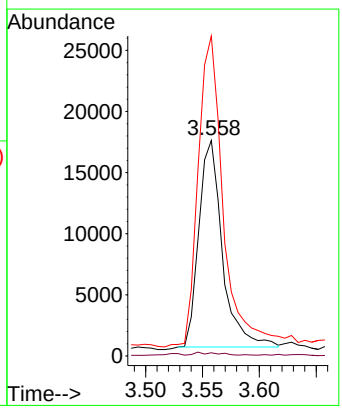


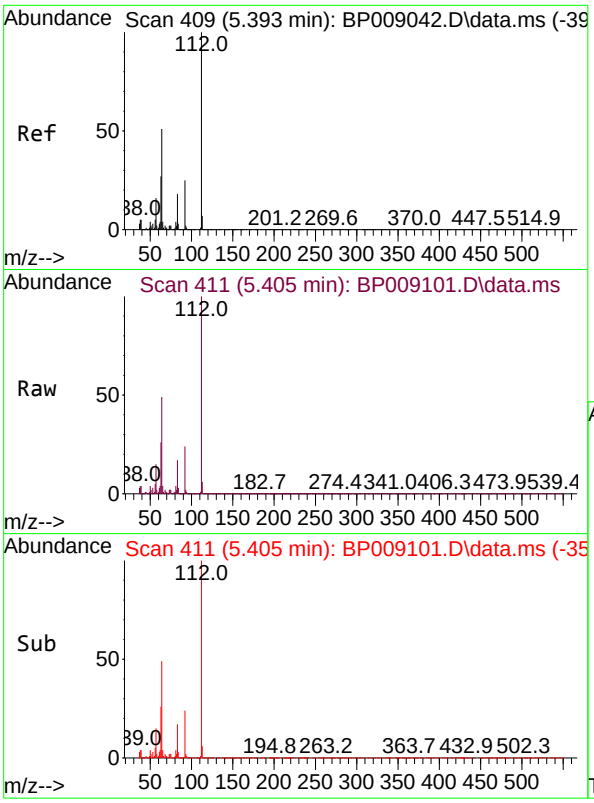


#4
n-Nitrosodimethylamine
Concen: 5.446 ng
RT: 3.558 min Scan# 97
Delta R.T. -0.059 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Tgt Ion: 42 Resp: 24350

Ion	Ratio	Lower	Upper
42	100		
74	1.5	131.1	196.7#
44	148.4	6.2	9.2#



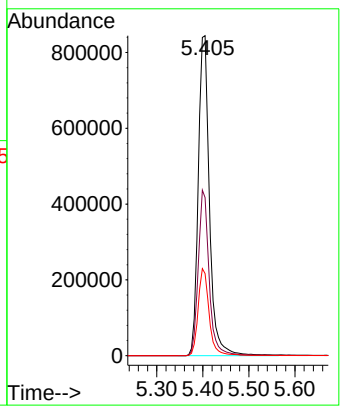


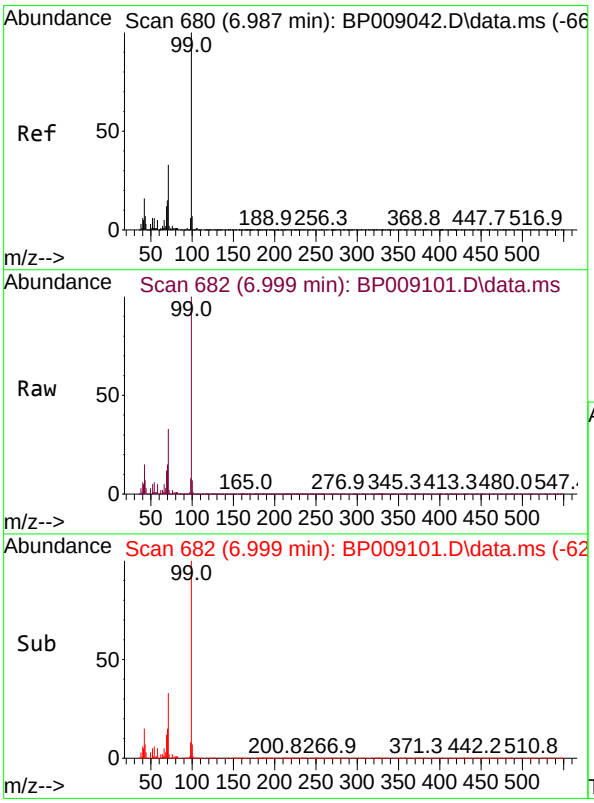
#5
2-Fluorophenol
Concen: 118.002 ng
RT: 5.405 min Scan# 41
Delta R.T. 0.012 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Instrument :
BNA_P
ClientSampleId :
RO-369

Tgt Ion:112 Resp: 1431468

Ion	Ratio	Lower	Upper
112	100		
64	49.4	39.7	59.5
63	25.6	20.0	30.0

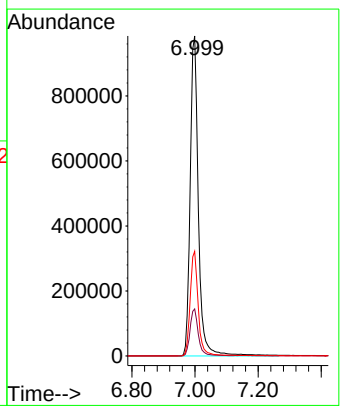


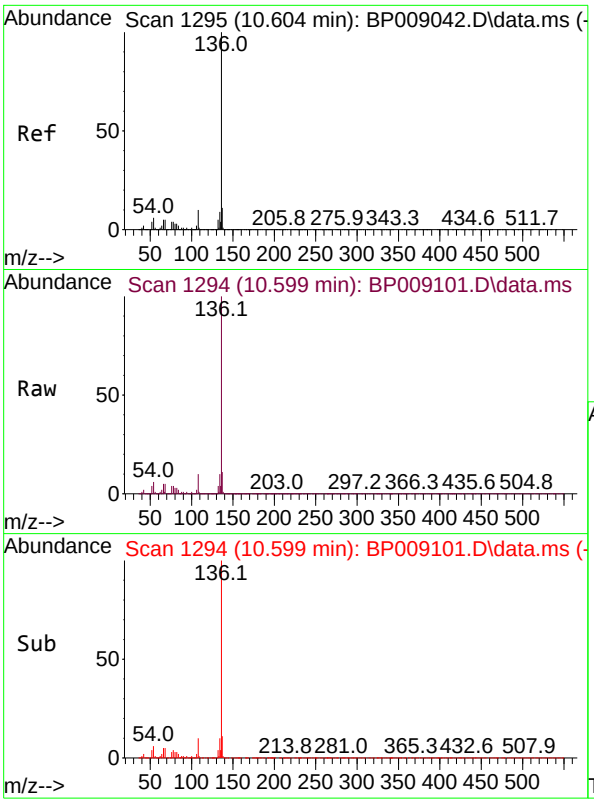


#7
Phenol-d6
Concen: 111.317 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Tgt Ion: 99 Resp: 1779336

Ion	Ratio	Lower	Upper
99	100		
42	14.7	10.8	16.2
71	32.7	23.8	35.6



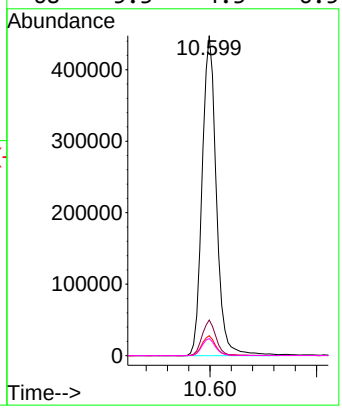


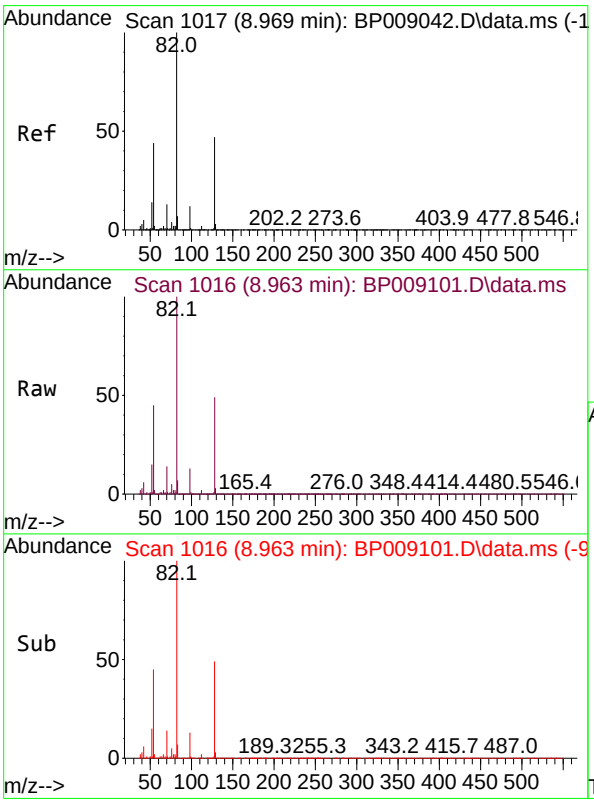
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Instrument :
BNA_P
ClientSampleId :
RO-369

Tgt Ion:136 Resp: 830976

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.3	4.9	7.3
68	5.3	4.3	6.5

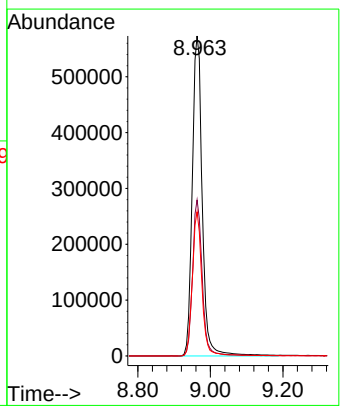


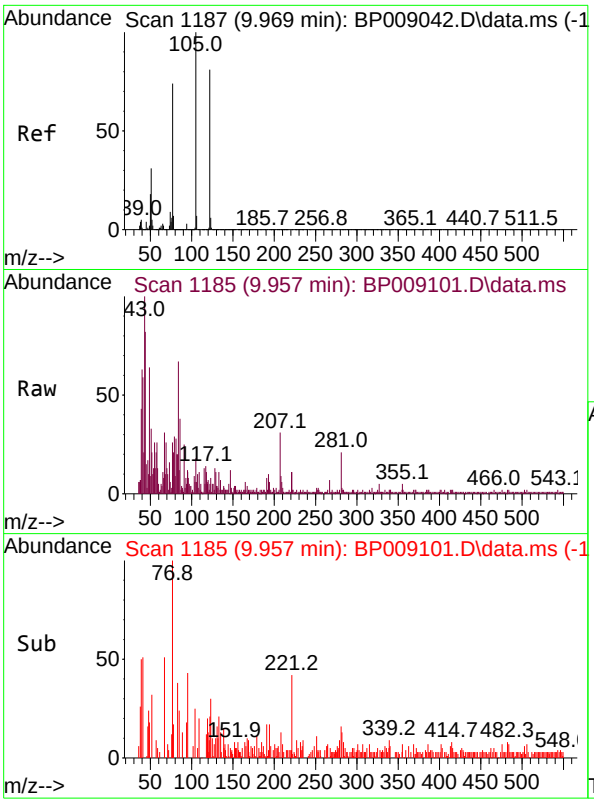


#23
Nitrobenzene-d5
Concen: 74.311 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Tgt Ion: 82 Resp: 1094994

Ion	Ratio	Lower	Upper
82	100		
128	48.7	39.4	59.2
54	45.1	32.6	48.8



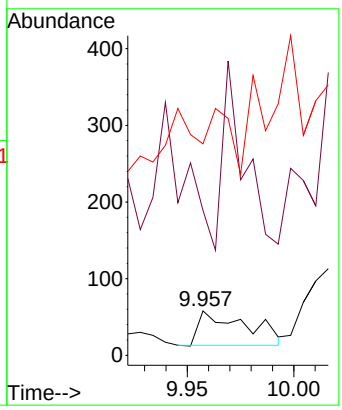


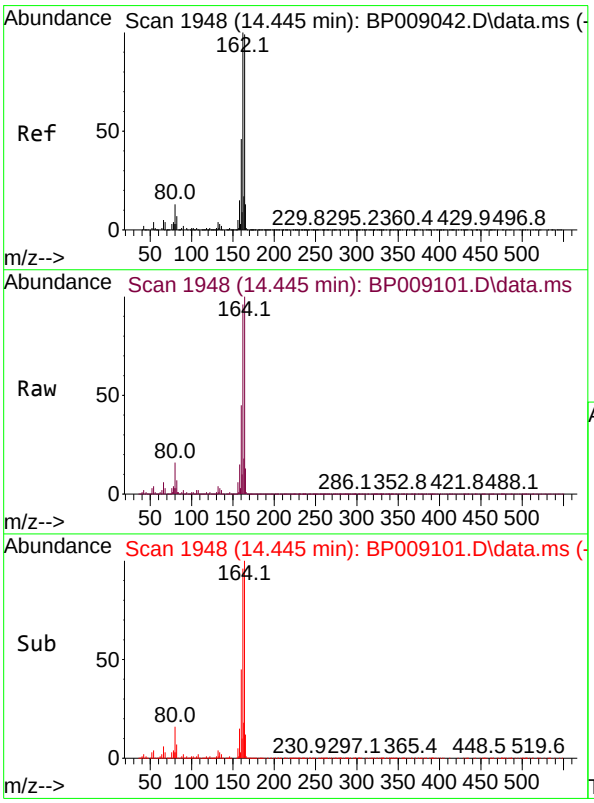
#32
Benzoic acid
Concen: 2.698 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Instrument :
BNA_P
ClientSampleId :
RO-369

Tgt Ion:122 Resp: 70

Ion	Ratio	Lower	Upper
122	100		
105	325.9	100.1	140.1#
77	475.9	65.5	105.5#

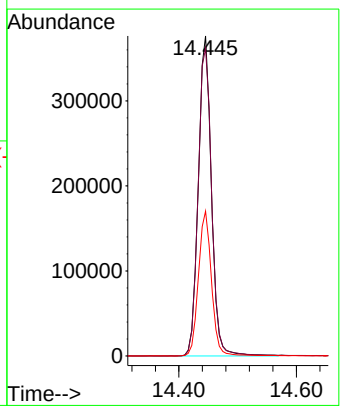


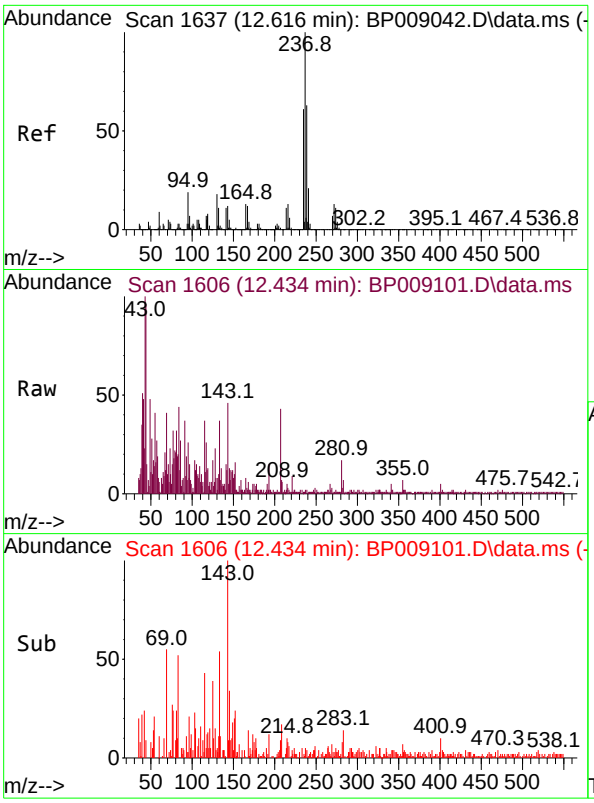


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Tgt Ion:164 Resp: 582381

Ion	Ratio	Lower	Upper
164	100		
162	96.1	79.9	119.9
160	45.3	35.5	53.3



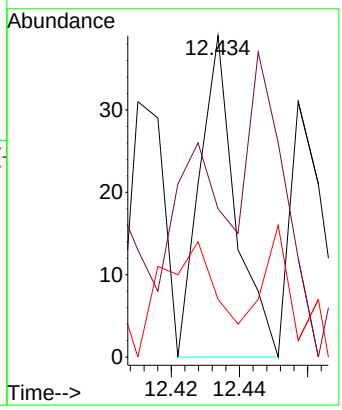


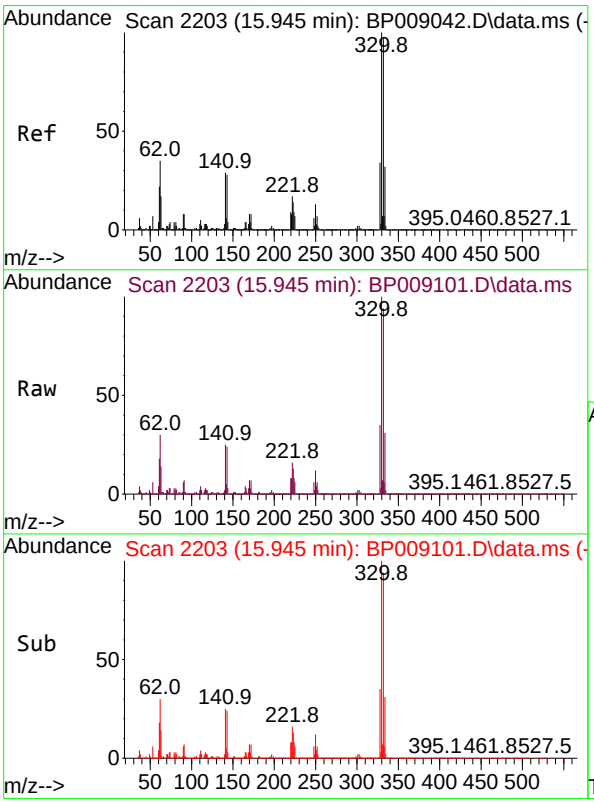
#41
Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.434 min Scan# 1
Delta R.T. -0.182 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Instrument :
BNA_P
ClientSampleId :
RO-369

Tgt Ion:237 Resp: 29

Ion	Ratio	Lower	Upper
237	100		
235	46.2	42.9	82.9
272	17.9	0.0	33.8

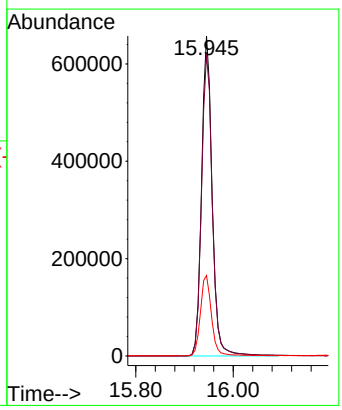


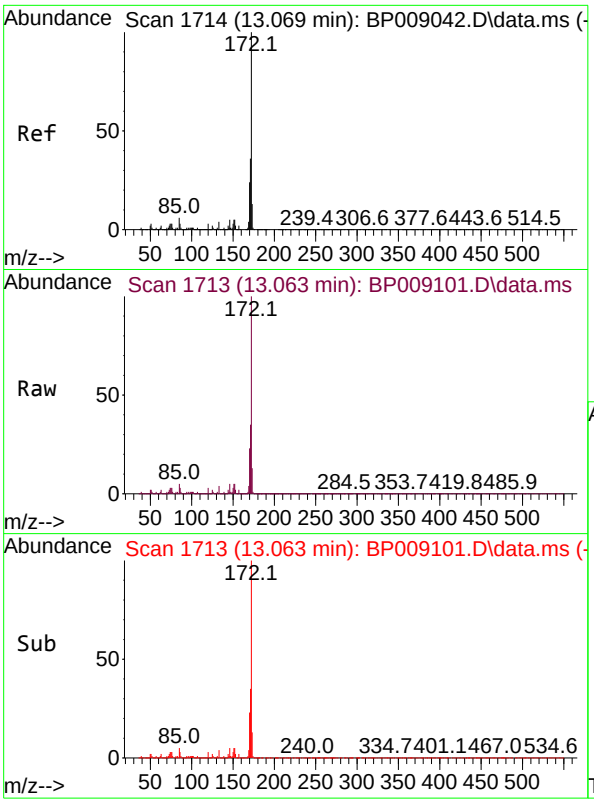


#42
2,4,6-Tribromophenol
Concen: 127.299 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Tgt Ion:330 Resp: 989858

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.4
141	26.2	21.3	31.9



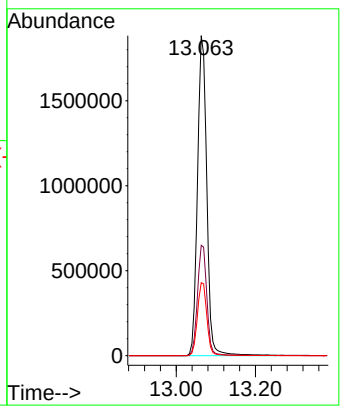


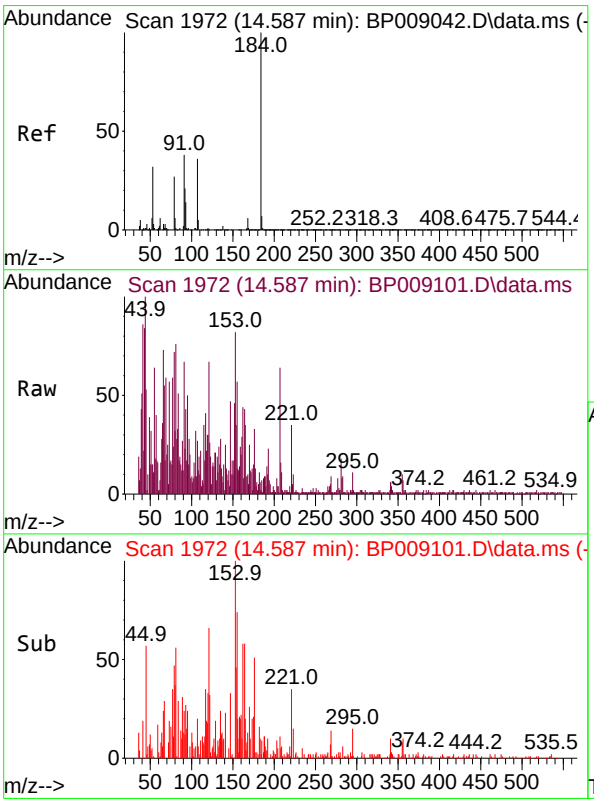
#45
2-Fluorobiphenyl
Concen: 73.687 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Instrument :
BNA_P
ClientSampleId :
RO-369

Tgt Ion:172 Resp: 3065514

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.3	43.9
170	22.8	19.5	29.3

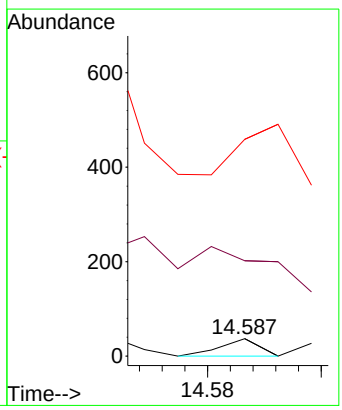


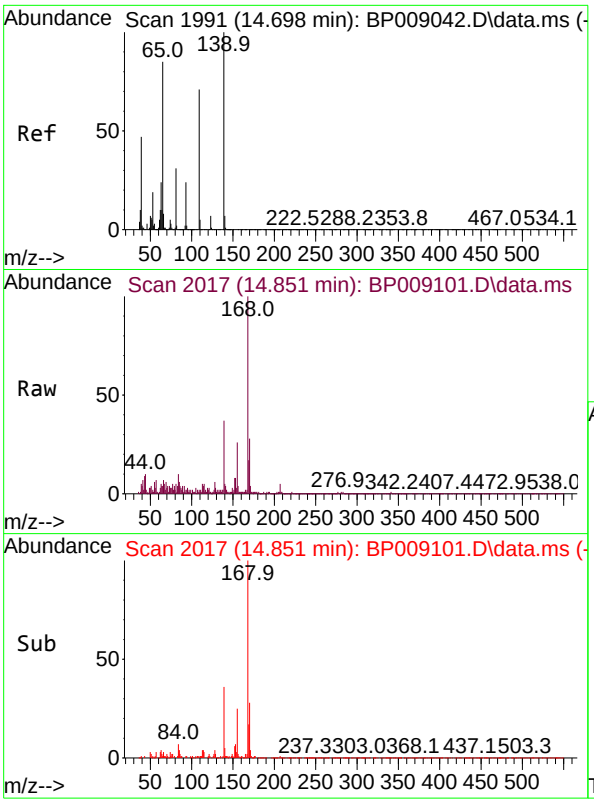


#54
2,4-Dinitrophenol
Concen: 2.171 ng
RT: 14.587 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Tgt Ion:184 Resp: 18

Ion	Ratio	Lower	Upper
184	100		
63	545.9	35.6	53.4#
154	1240.5	43.4	65.0#



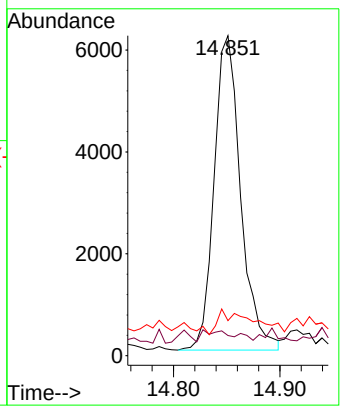


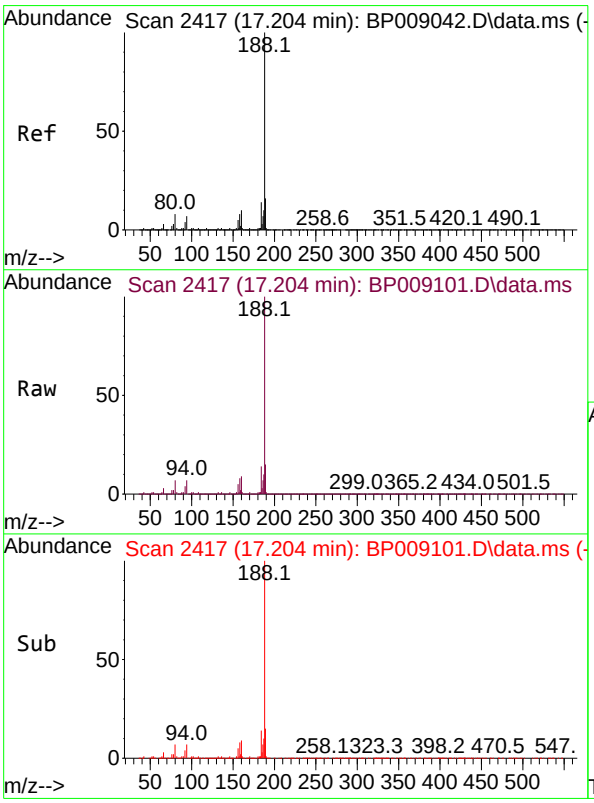
#56
4-Nitrophenol
Concen: 3.472 ng
RT: 14.851 min Scan# 2
Delta R.T. 0.153 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Instrument :
BNA_P
ClientSampleId :
RO-369

Tgt Ion:139 Resp: 10678

Ion	Ratio	Lower	Upper
139	100		
109	6.3	42.2	82.2#
65	10.9	57.3	97.3#

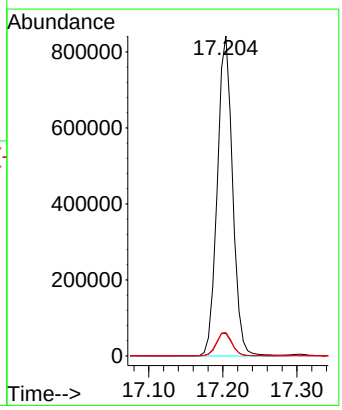


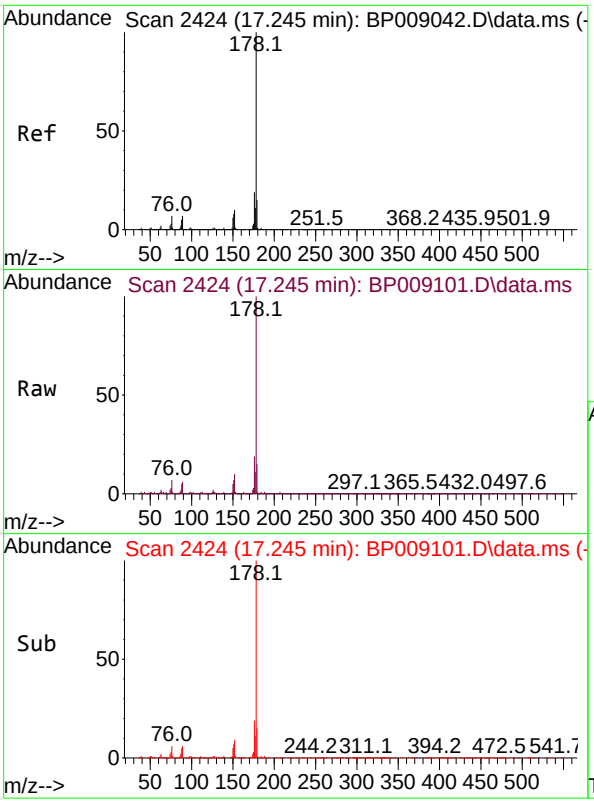


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Tgt Ion:188 Resp: 1207347

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.8	10.2
80	7.3	7.2	10.8



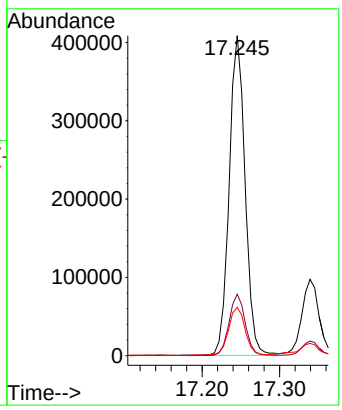


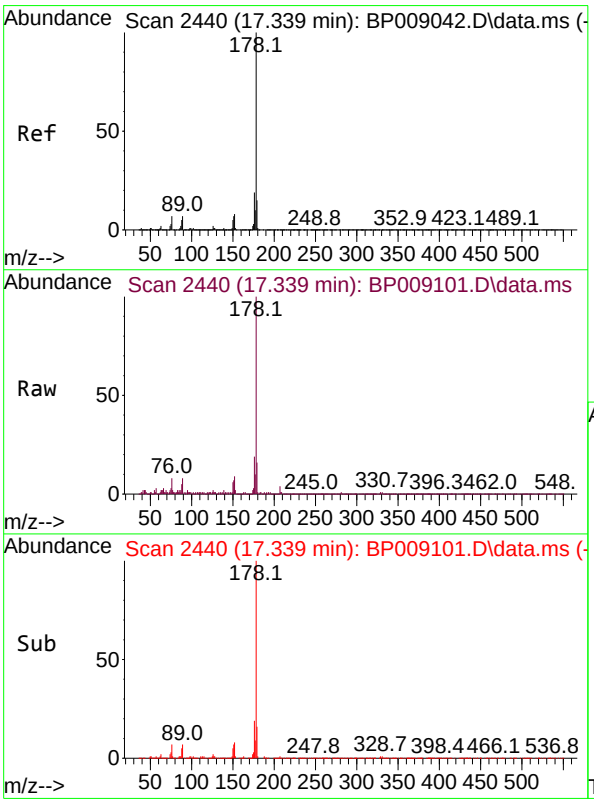
#71
Phenanthrene
Concen: 8.934 ng
RT: 17.245 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Instrument :
BNA_P
ClientSampleId :
RO-369

Tgt Ion:178 Resp: 584082

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.1	13.0	19.4

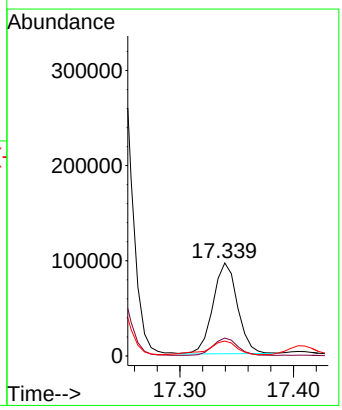


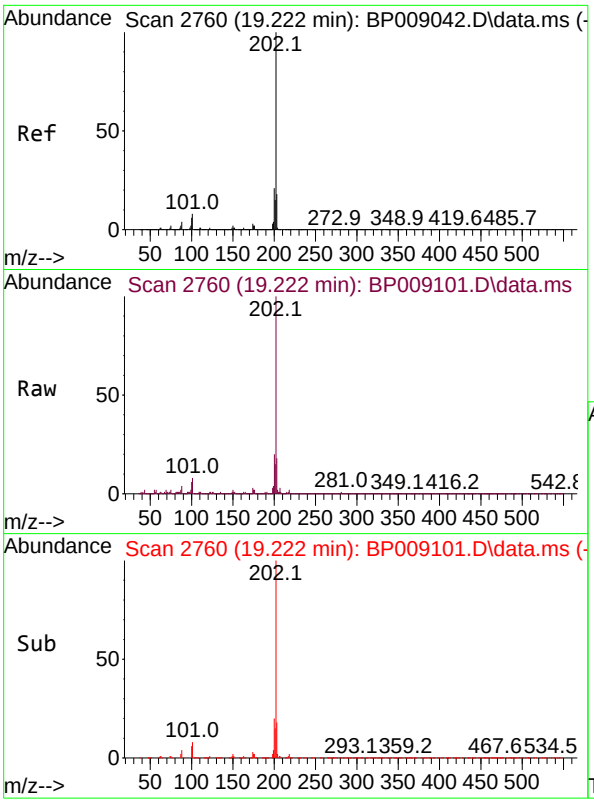


#72
Anthracene
Concen: 2.240 ng
RT: 17.339 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Tgt Ion:178 Resp: 143265

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	16.1	12.8	19.2



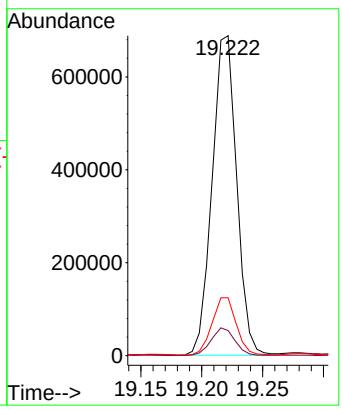


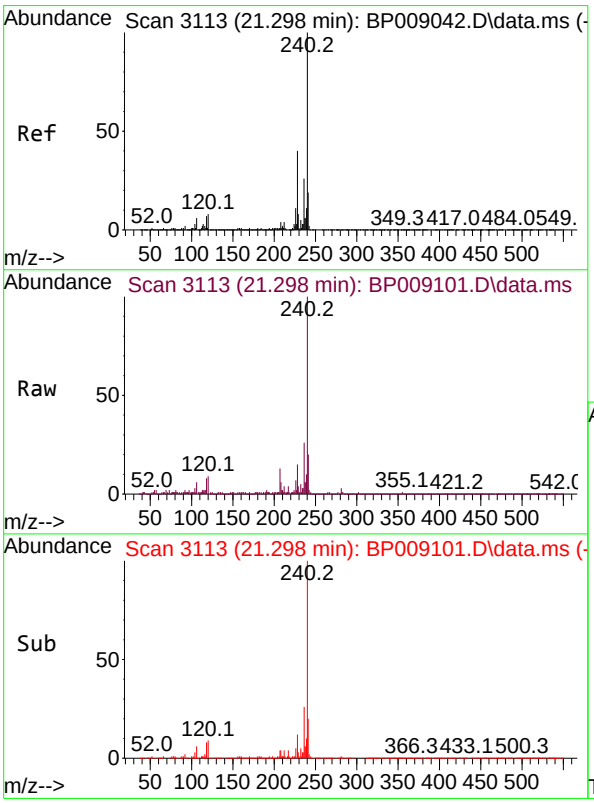
#75
Fluoranthene
Concen: 13.150 ng
RT: 19.222 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Instrument :
BNA_P
ClientSampleId :
RO-369

Tgt Ion:202 Resp: 963501

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	30.7
203	18.1	0.0	38.9

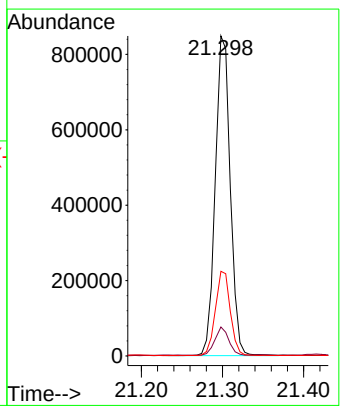


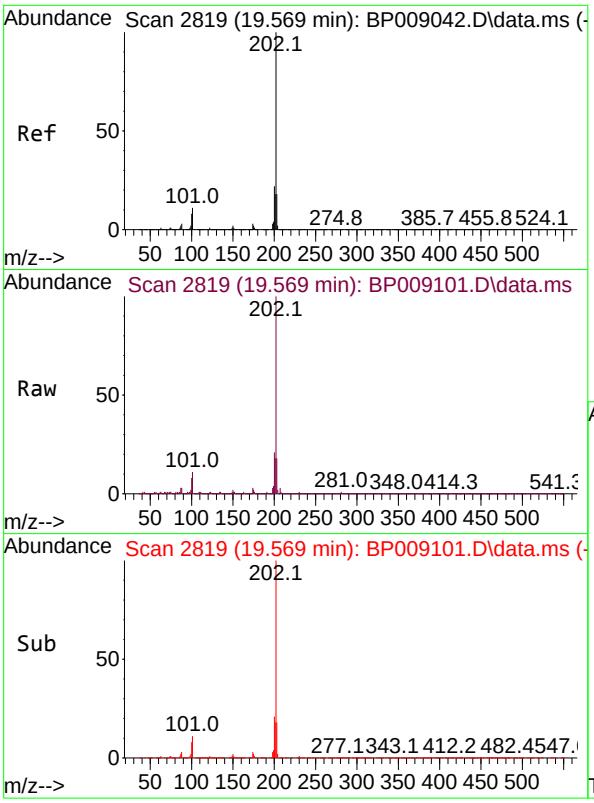


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Tgt Ion:240 Resp: 1088807

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.7	11.5
236	26.5	21.2	31.8



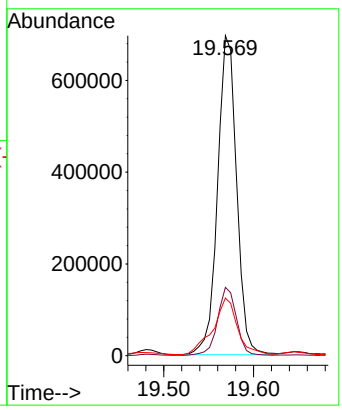


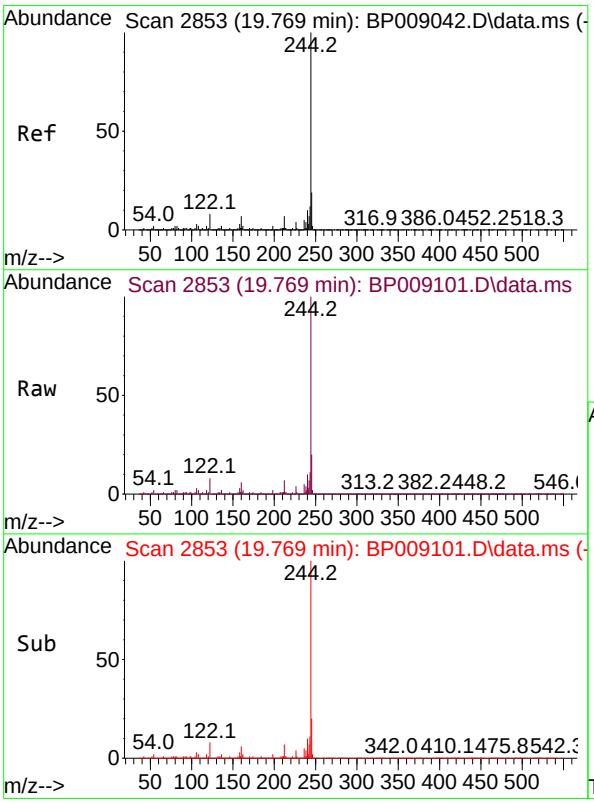
#78
Pyrene
Concen: 13.238 ng
RT: 19.569 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Instrument :
BNA_P
ClientSampleId :
RO-369

Tgt Ion:202 Resp: 1025326

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.0	27.0
203	18.0	15.0	22.6

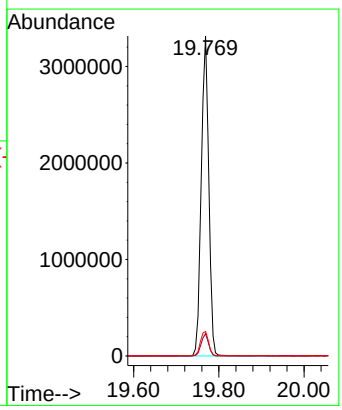


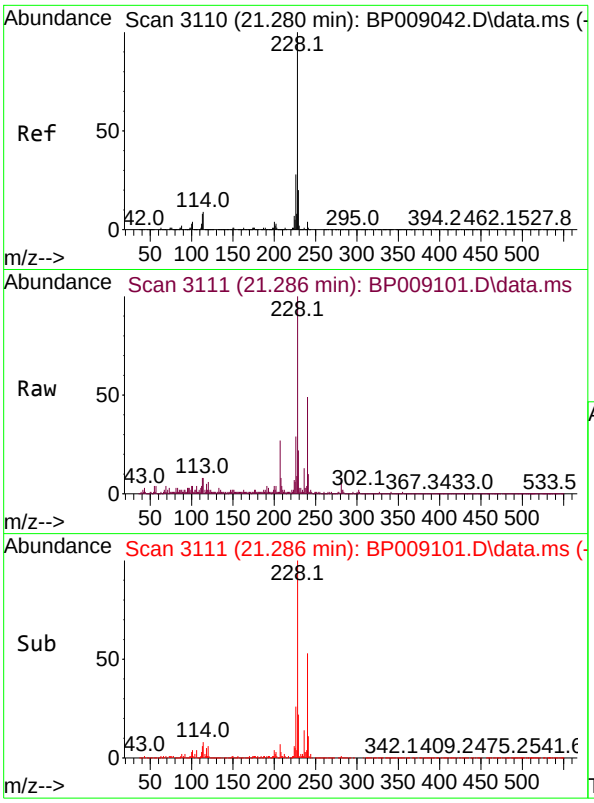


#79
Terphenyl-d14
Concen: 66.960 ng
RT: 19.769 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Tgt Ion:244 Resp: 4054118

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	7.6	9.2	13.8#



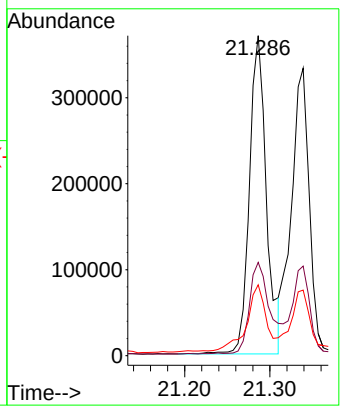


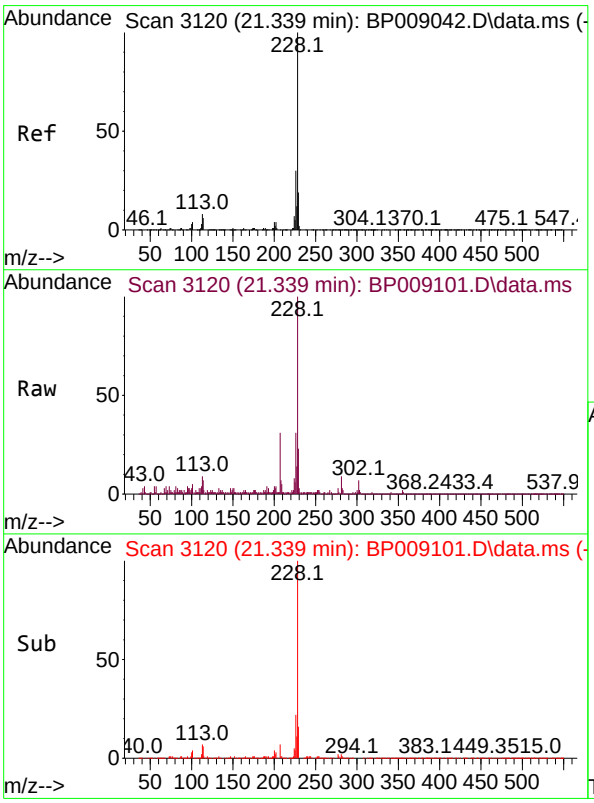
#81
Benzo(a)anthracene
Concen: 7.318 ng
RT: 21.286 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Instrument :
BNA_P
ClientSampleId :
RO-369

Tgt Ion:228 Resp: 513471

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.3	34.9
229	22.2	17.0	25.6

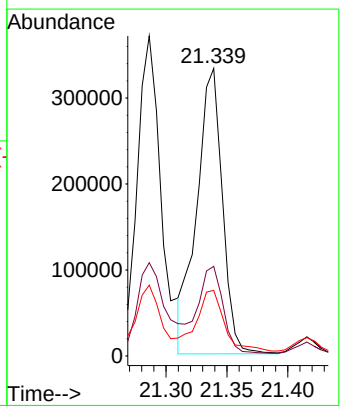


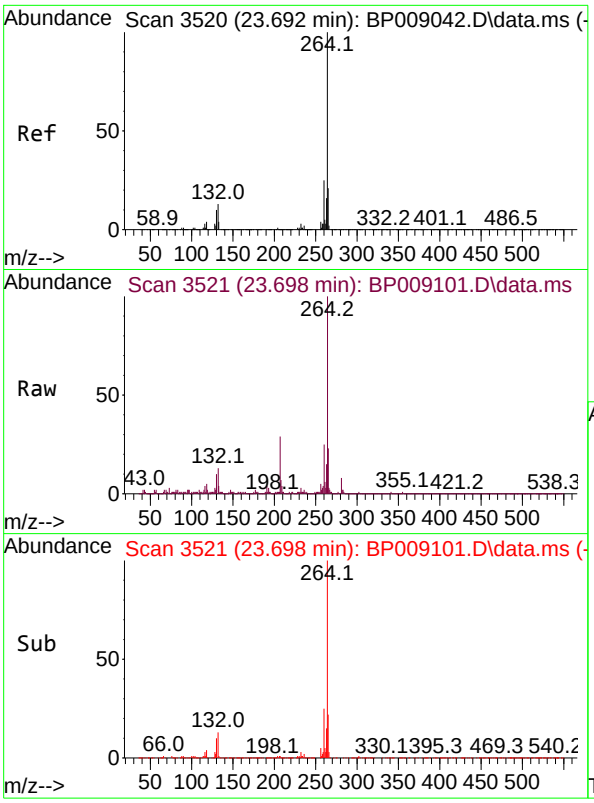


#83
Chrysene
Concen: 7.202 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Tgt Ion:228 Resp: 487149

Ion	Ratio	Lower	Upper
228	100		
226	31.1	26.0	39.0
229	22.8	16.9	25.3



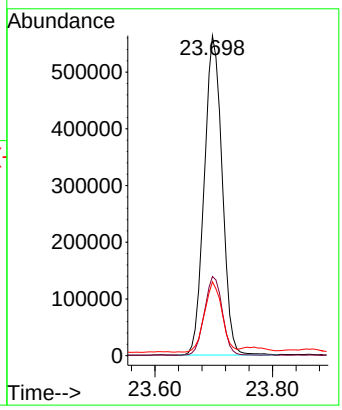


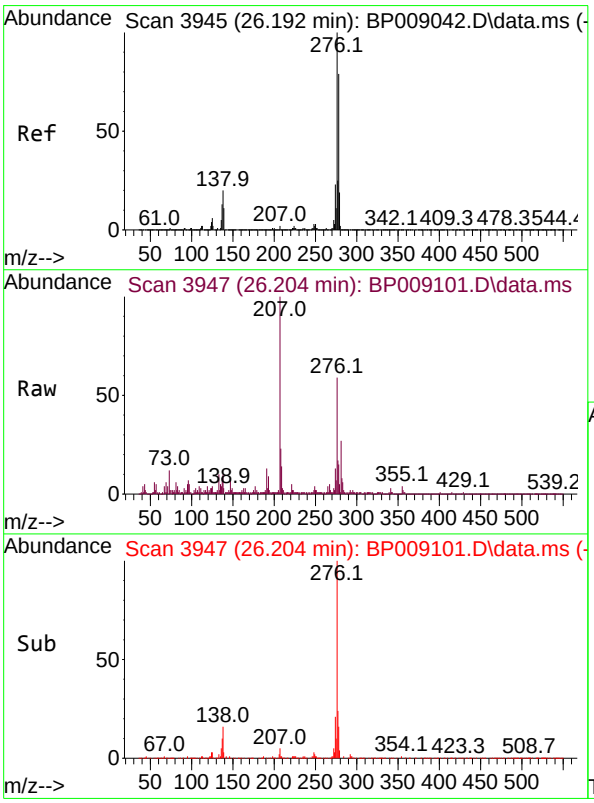
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Instrument :
BNA_P
ClientSampleId :
RO-369

Tgt Ion:264 Resp: 1189584

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.1	28.7
265	23.1	17.1	25.7

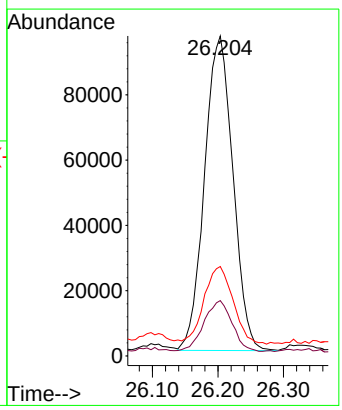


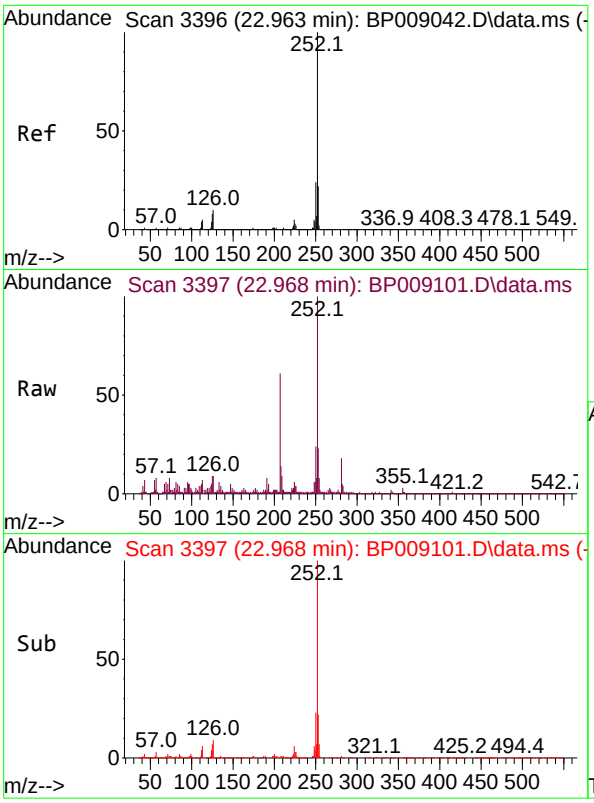


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.284 ng
RT: 26.204 min Scan# 3947
Delta R.T. 0.012 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Tgt Ion:276 Resp: 290259

Ion	Ratio	Lower	Upper
276	100		
138	15.9	17.8	26.6#
277	25.3	20.4	30.6



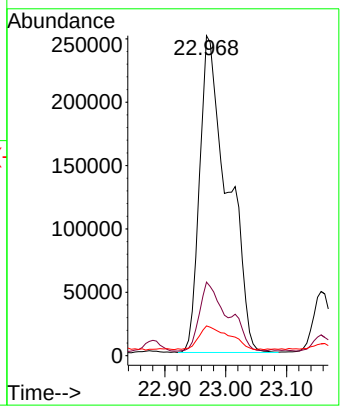


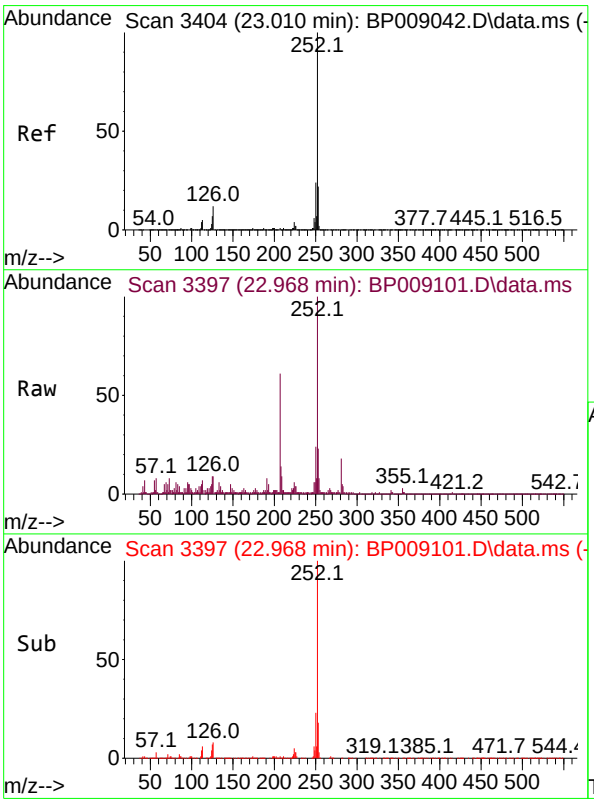
#88
Benzo(b)fluoranthene
Concen: 10.901 ng
RT: 22.968 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Instrument :
BNA_P
ClientSampleId :
RO-369

Tgt Ion:252 Resp: 798272

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	9.3	6.9	10.3

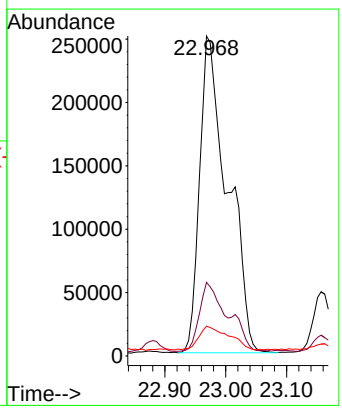


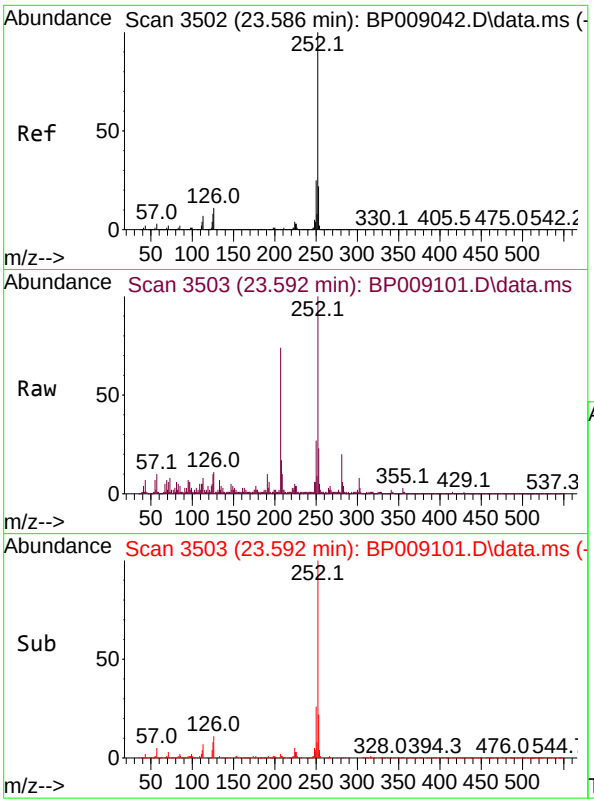


#89
Benzo(k)fluoranthene
Concen: 10.927 ng
RT: 22.968 min Scan# 3397
Delta R.T. -0.041 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Tgt Ion:252 Resp: 798327

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	9.3	7.3	10.9



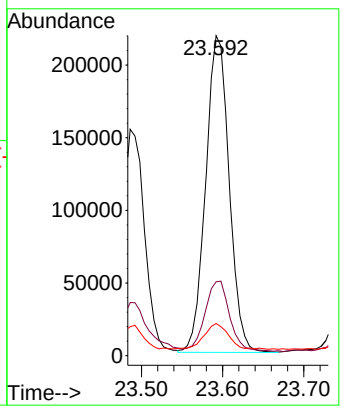


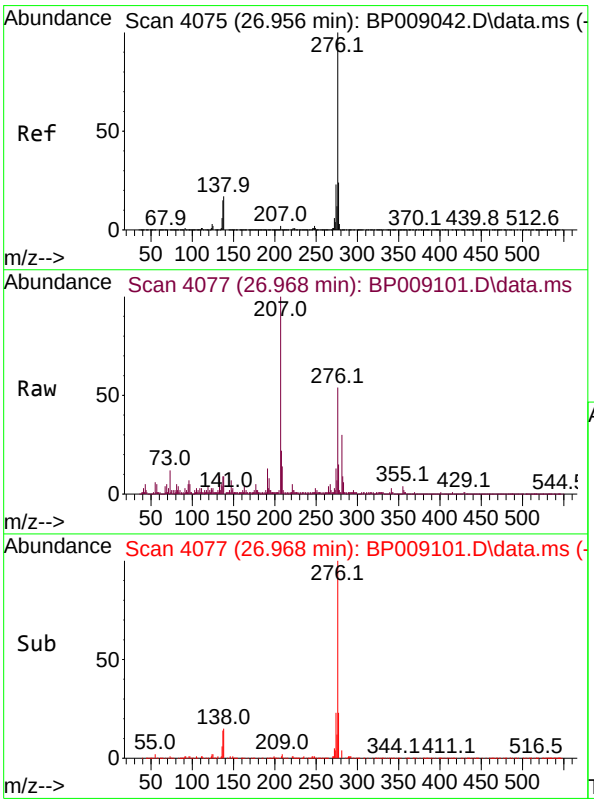
#90
Benzo(a)pyrene
Concen: 7.174 ng
RT: 23.592 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Instrument :
BNA_P
ClientSampleId :
RO-369

Tgt Ion:252 Resp: 437992

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	10.0	7.8	11.6





#92
Benzo(g,h,i)perylene
Concen: 4.037 ng
RT: 26.968 min Scan# 4077
Delta R.T. 0.012 min
Lab File: BP009101.D
Acq: 10 Feb 2022 16:08

Tgt Ion:276 Resp: 291938

Ion	Ratio	Lower	Upper
276	100		
277	27.5	19.2	28.8
138	16.0	15.0	22.4