Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
Data File : BP008802.D
Acq On : 13 Jan 2022 21:50
Operator : CG/JU
Sample : N1097-13DL 4X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Quant Time: Jan 13 23:28:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 12 00:18:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	465973	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1739969	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	1045152	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	1801483	20.000	ng		0.00
76) Chrysene-d12	21.351	240	1747896	20.000	ng		0.00
86) Perylene-d12	23.774	264	1994559	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	589836	19.822	ng		0.00
7) Phenol-d6	7.040	99	703483	17.611	ng		0.00
23) Nitrobenzene-d5	9.022	82	437298	14.233	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	239279	13.570	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	1088004	14.635	ng		-0.01
79) Terphenyl-d14	19.816	244	1082537	12.621	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	14.222	152	219961	2.214	ng		99
52) Acenaphthene	14.563	154	166346	2.796	ng		100
58) Fluorene	15.551	166	195011	2.469	ng		98
71) Phenanthrene	17.298	178	3587770	35.845	ng		99
72) Anthracene	17.392	178	765725	7.491	ng		99
73) Carbazole	17.663	167	271482	2.898	ng		98
75) Fluoranthene	19.269	202	4787794	39.946	ng		98
78) Pyrene	19.622	202	5148623	45.049	ng		99
81) Benzo(a)anthracene	21.333	228	3036907	26.484	ng		100
83) Chrysene	21.386	228	2818315	25.478	ng		98
87) Indeno(1,2,3-cd)pyrene	26.309	276	1660303	10.417	ng		96
88) Benzo(b)fluoranthene	23.039	252	4355781	33.423	ng		99
89) Benzo(k)fluoranthene	23.039	252	4359284	35.742	ng		99
90) Benzo(a)pyrene	23.668	252	2597254	20.619	ng		98
91) Dibenzo(a,h)anthracene	26.309	278	485458	3.605	ng	#	81
92) Benzo(g,h,i)perylene	27.092	276	1668274	12.480	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
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Acq On : 13 Jan 2022 21:50
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Misc :
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TP-3SDL

Quant Time: Jan 13 23:28:41 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 12 00:18:56 2022
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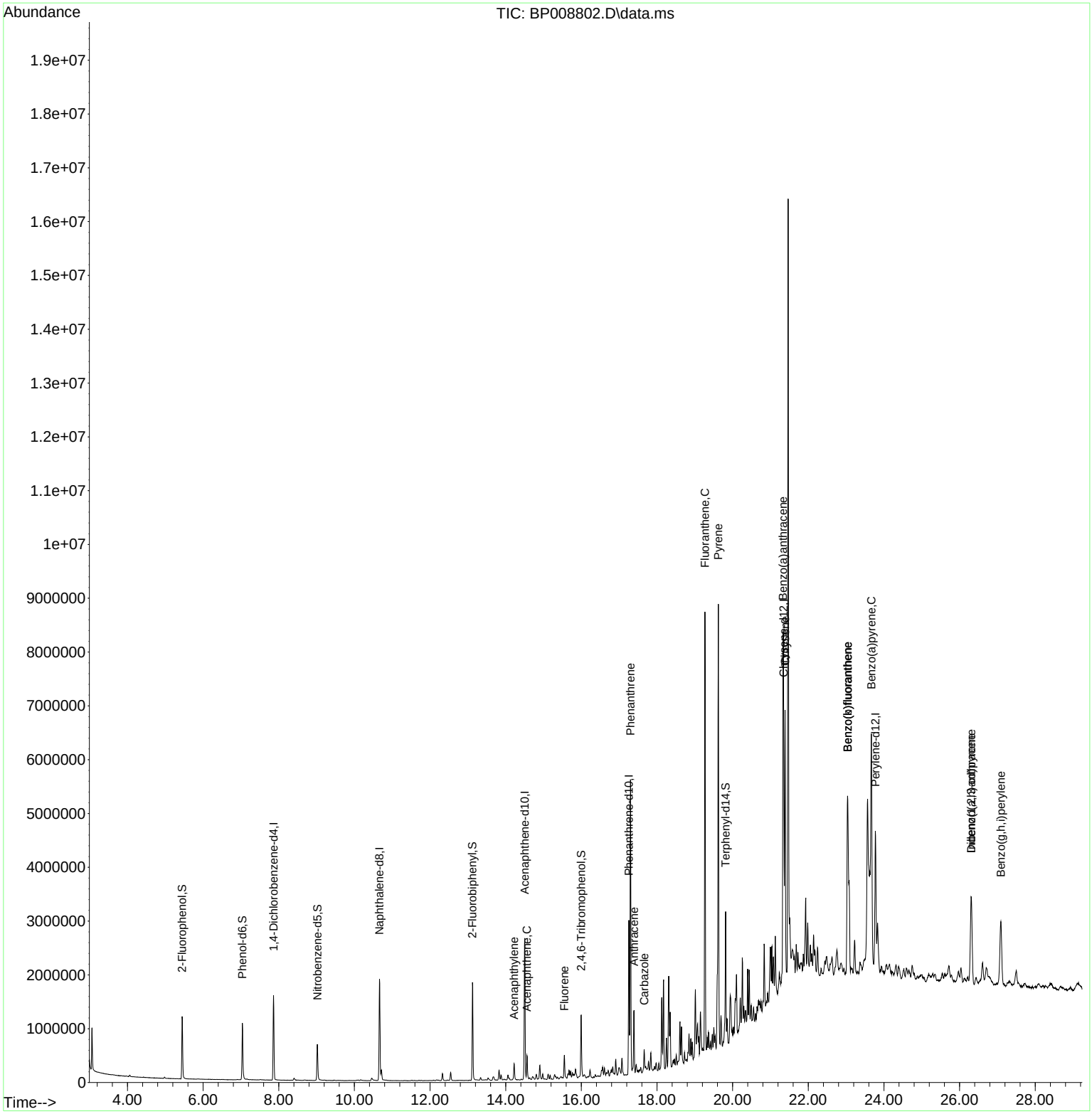
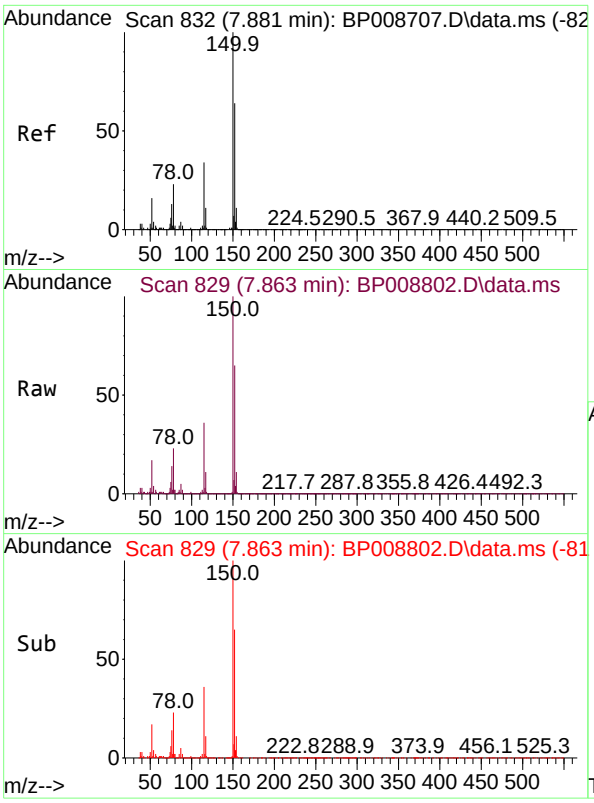


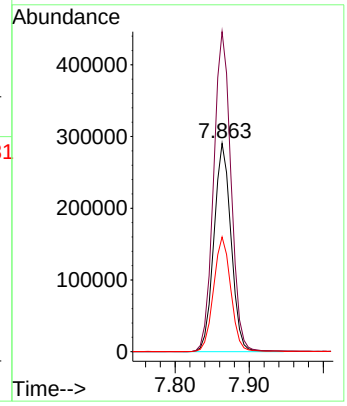


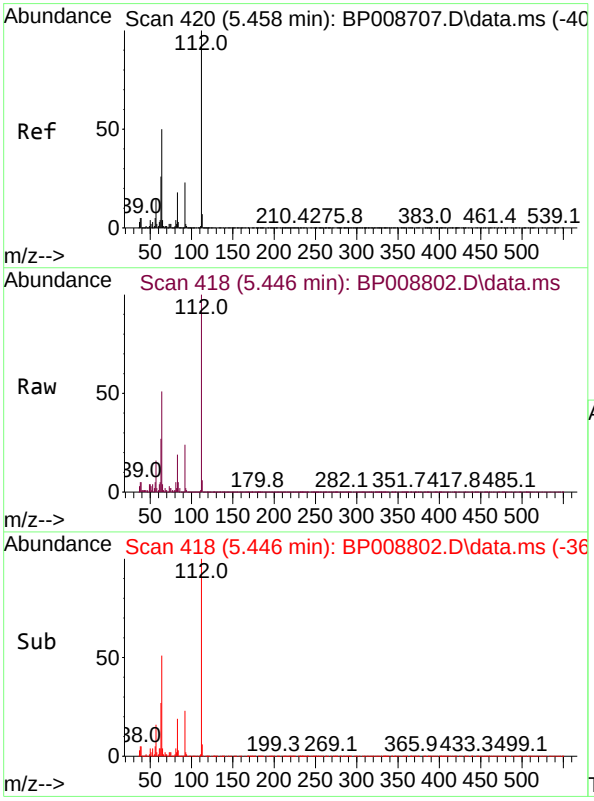
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Tgt Ion:152 Resp: 465973

Ion	Ratio	Lower	Upper
152	100		
150	153.6	127.0	190.6
115	55.1	43.7	65.5

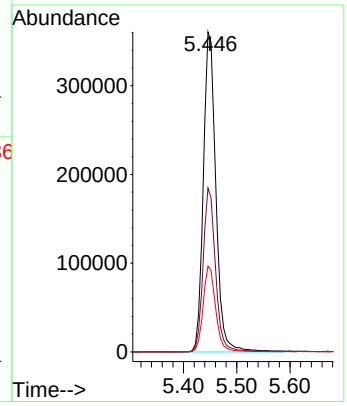


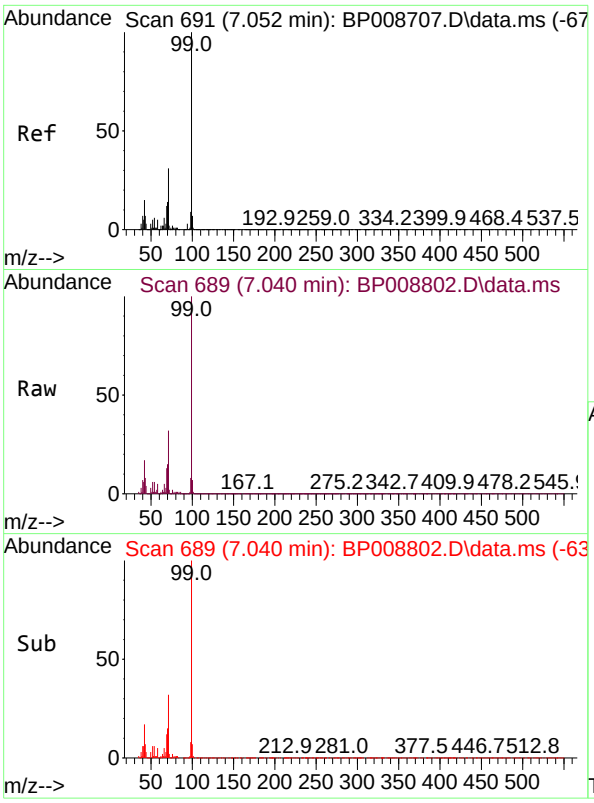


#5
2-Fluorophenol
Concen: 19.822 ng
RT: 5.446 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Tgt Ion:112 Resp: 589836

Ion	Ratio	Lower	Upper
112	100		
64	51.2	39.7	59.5
63	26.8	20.0	30.0



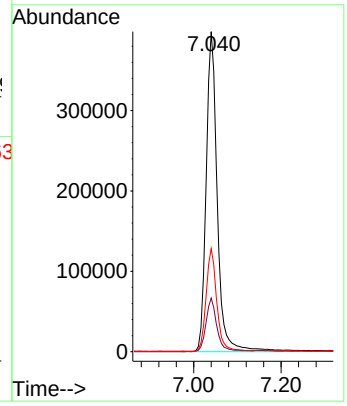


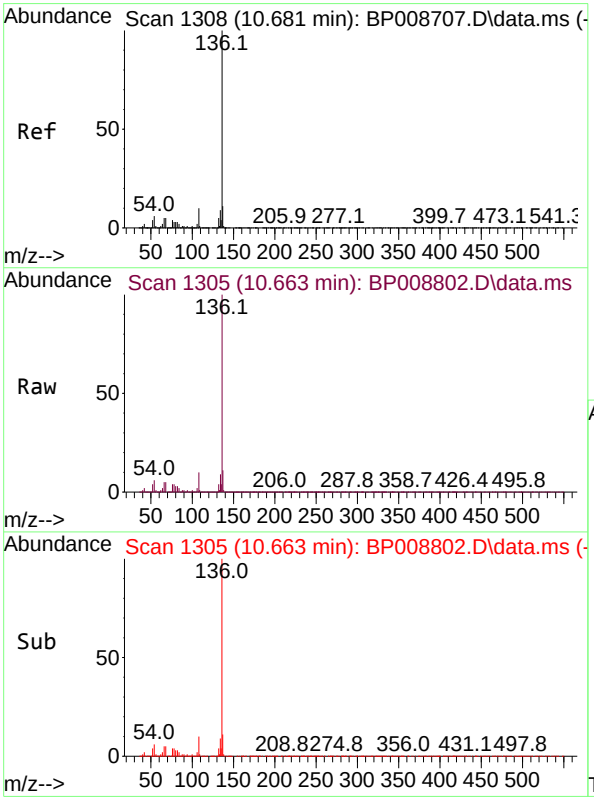
#7
Phenol-d6
Concen: 17.611 ng
RT: 7.040 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Tgt Ion: 99 Resp: 703483

Ion	Ratio	Lower	Upper
99	100		
42	16.8	10.8	16.2#
71	32.2	23.8	35.6

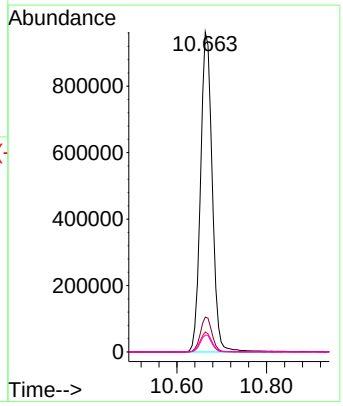


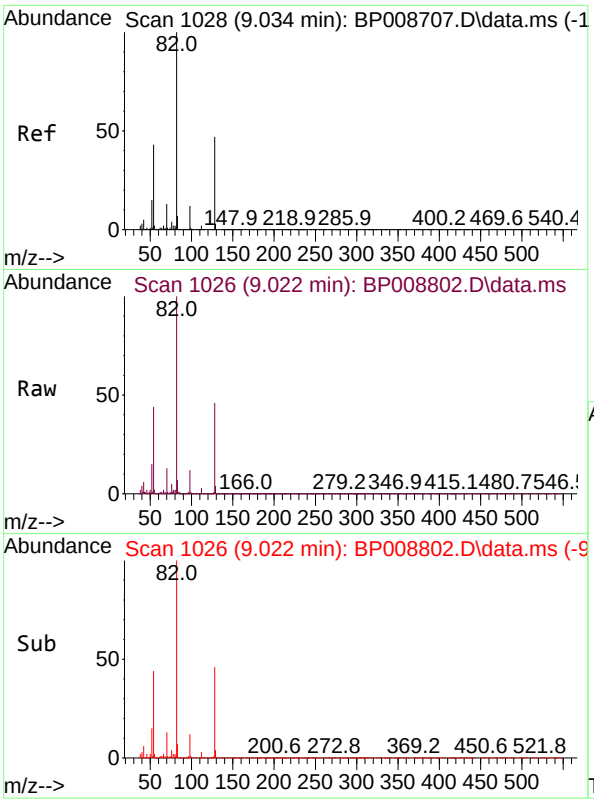


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Tgt Ion:136 Resp: 1739969

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.3	4.9	7.3
68	5.2	4.3	6.5



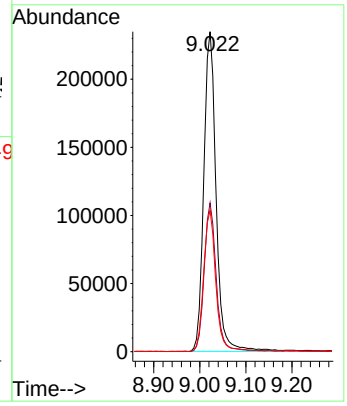


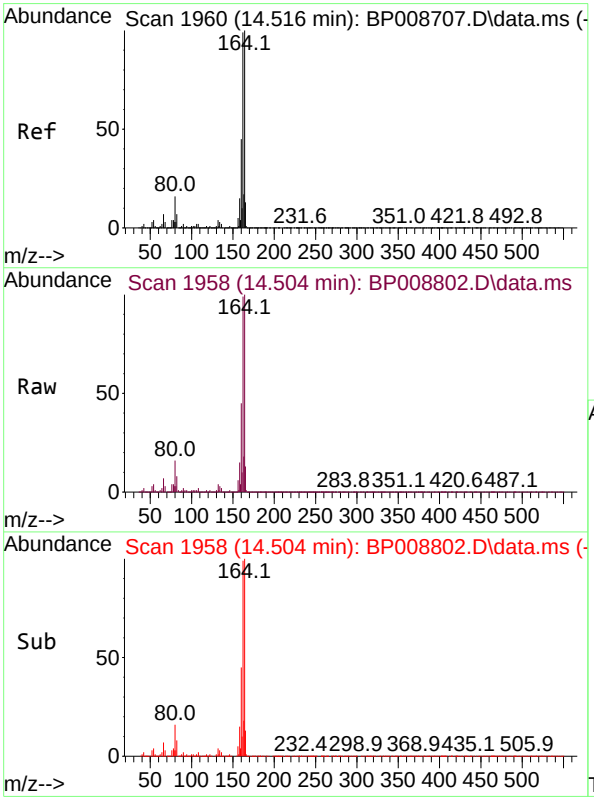
#23
Nitrobenzene-d5
Concen: 14.233 ng
RT: 9.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Tgt Ion: 82 Resp: 437298

Ion	Ratio	Lower	Upper
82	100		
128	46.5	39.4	59.2
54	44.1	32.6	48.8

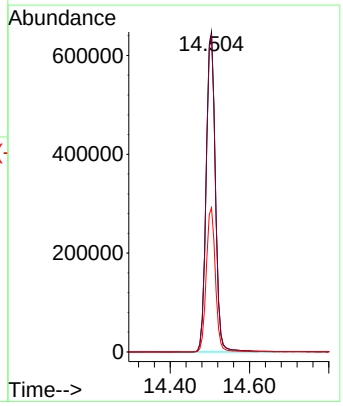


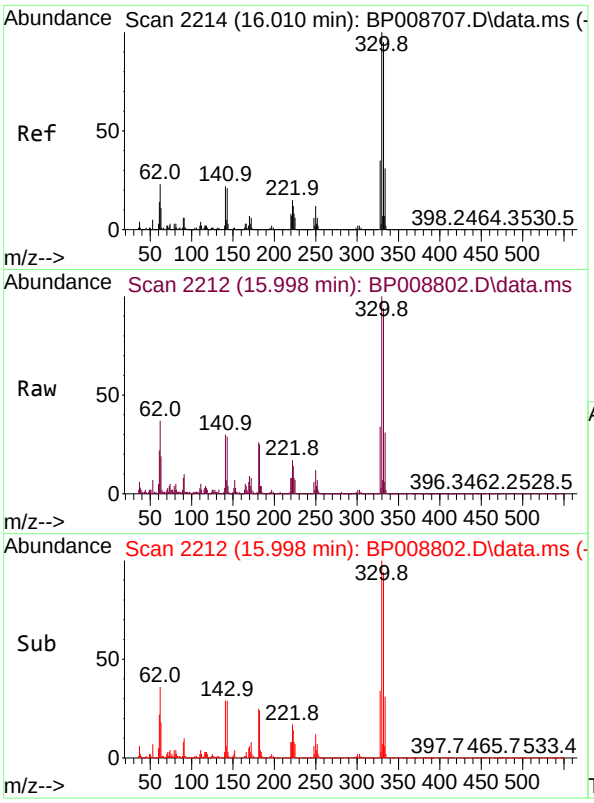


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Tgt Ion:164 Resp: 1045152

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.9	119.9
160	45.0	35.5	53.3



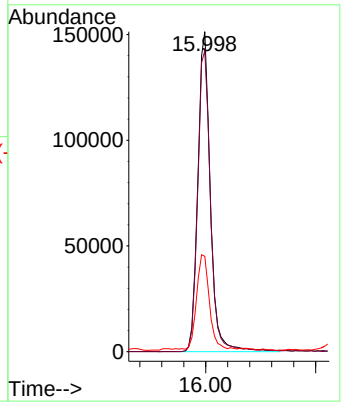


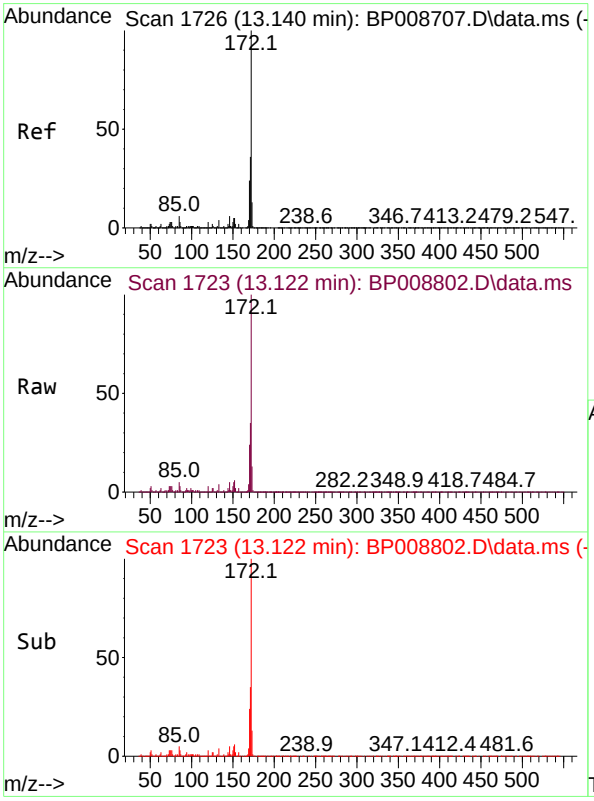
#42
2,4,6-Tribromophenol
Concen: 13.570 ng
RT: 15.998 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Tgt Ion:330 Resp: 239279

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.4
141	29.8	21.3	31.9

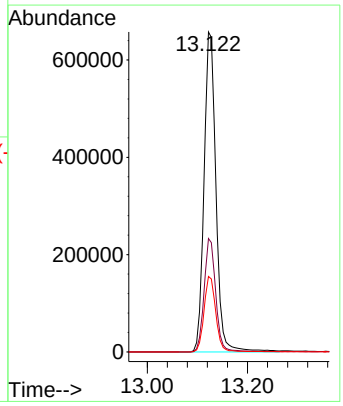


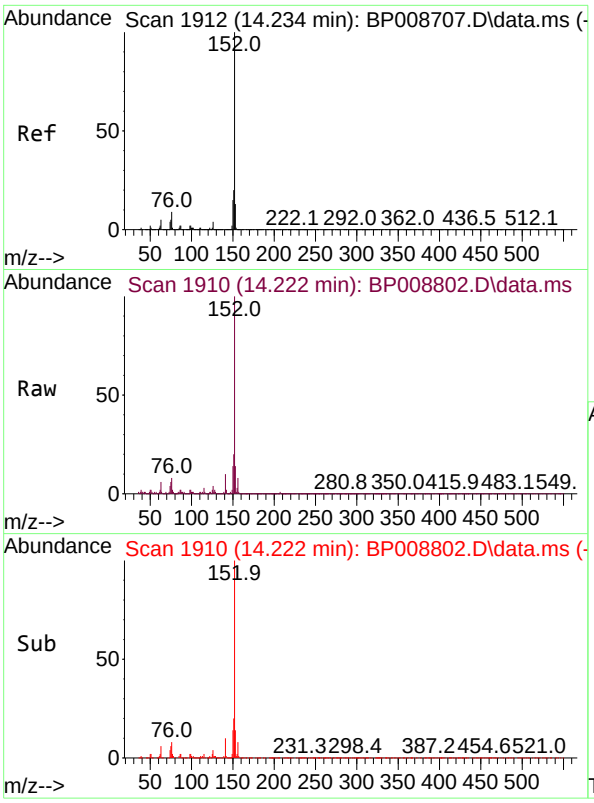


#45
2-Fluorobiphenyl
Concen: 14.635 ng
RT: 13.122 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Tgt Ion:172 Resp: 1088004

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.3	43.9
170	23.6	19.5	29.3



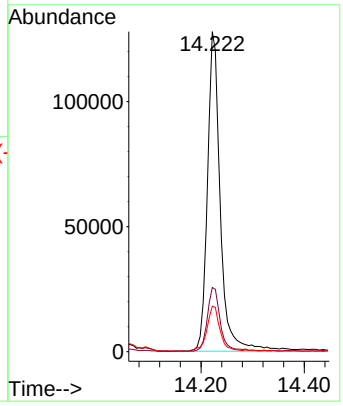


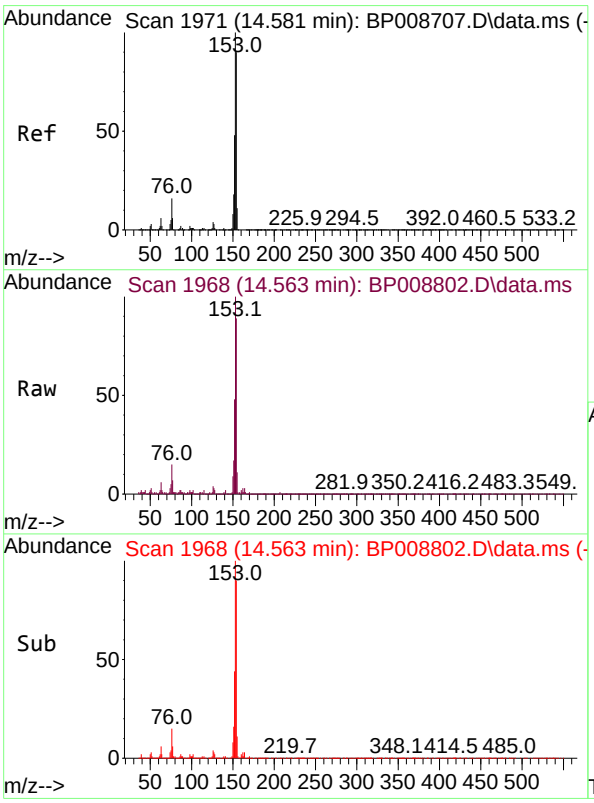
#49
Acenaphthylene
Concen: 2.214 ng
RT: 14.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Tgt Ion:152 Resp: 219961

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	14.2	10.6	16.0

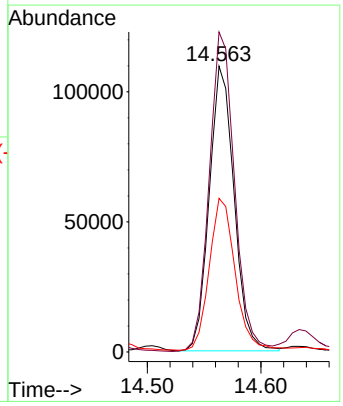


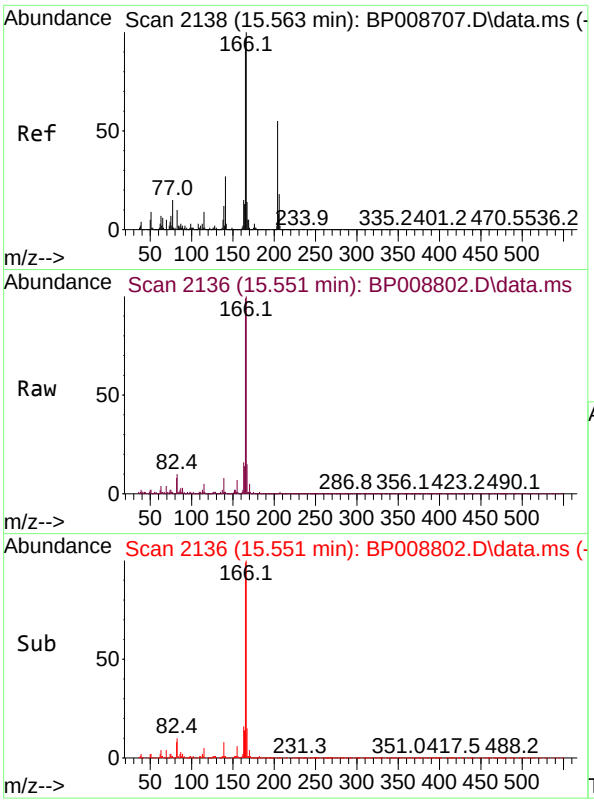


#52
Acenaphthene
Concen: 2.796 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Tgt Ion:154 Resp: 166346

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.4	134.2
152	53.8	42.6	63.8



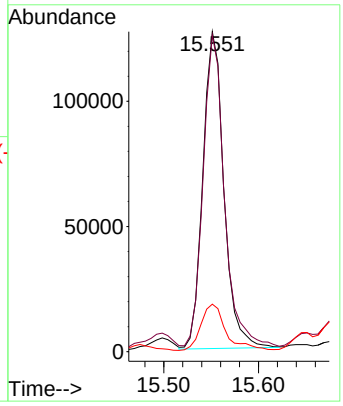


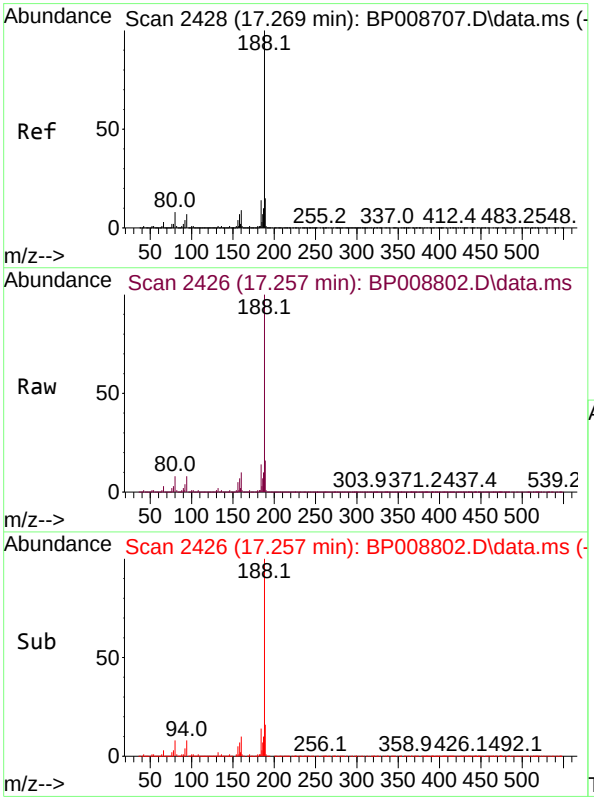
#58
Fluorene
Concen: 2.469 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Tgt Ion:166 Resp: 195011

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.2	115.8
167	14.9	11.2	16.8

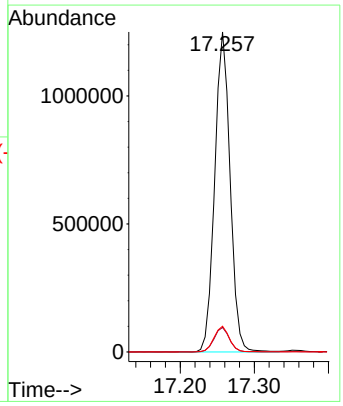


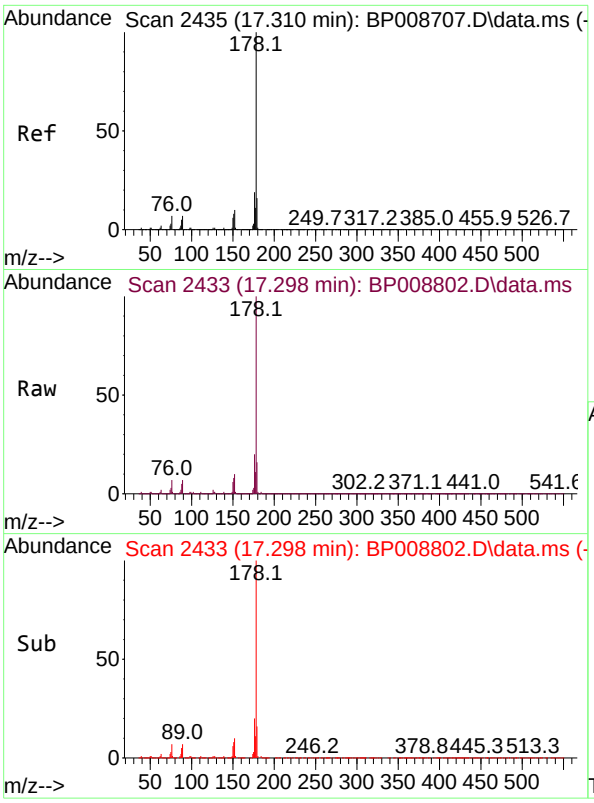


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Tgt Ion:188 Resp: 1801483

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.8	10.2
80	8.1	7.2	10.8



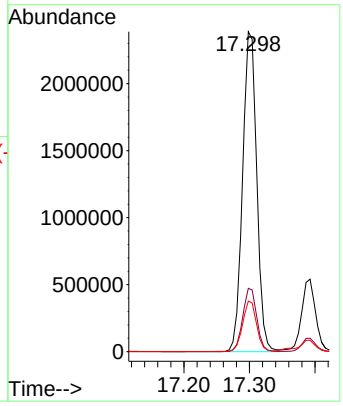


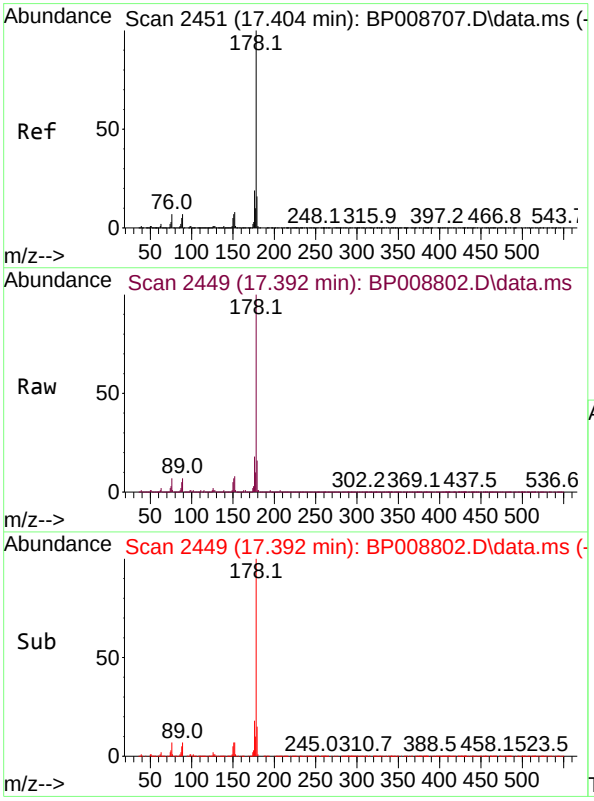
#71
Phenanthrene
Concen: 35.845 ng
RT: 17.298 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Tgt Ion:178 Resp: 3587770

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	15.8	13.0	19.4

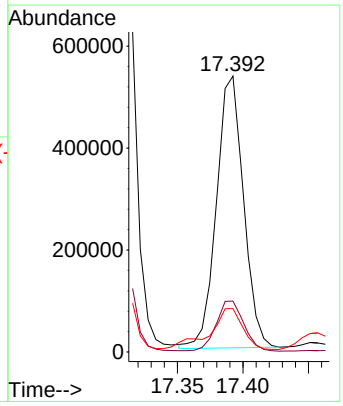


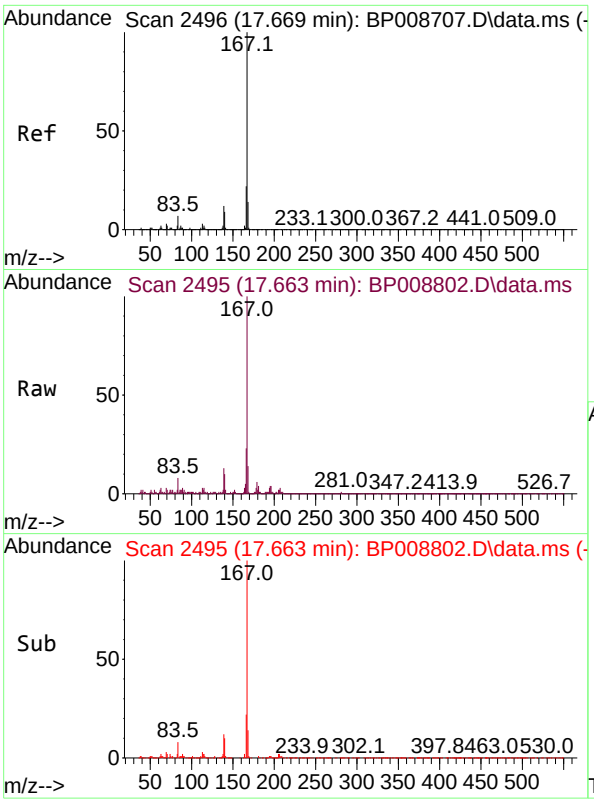


#72
Anthracene
Concen: 7.491 ng
RT: 17.392 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Tgt Ion:178 Resp: 765725

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.7	12.8	19.2



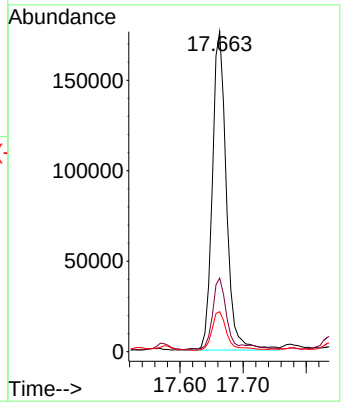


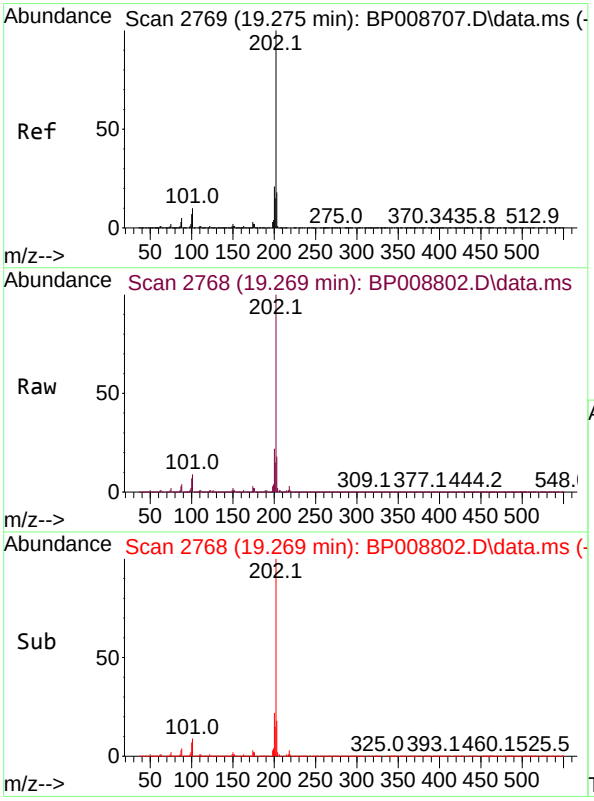
#73
Carbazole
Concen: 2.898 ng
RT: 17.663 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Tgt Ion:167 Resp: 271482

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.7	26.5
139	12.5	9.8	14.6

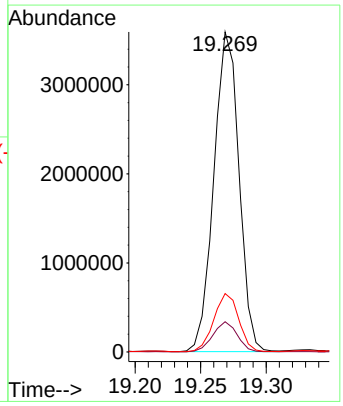


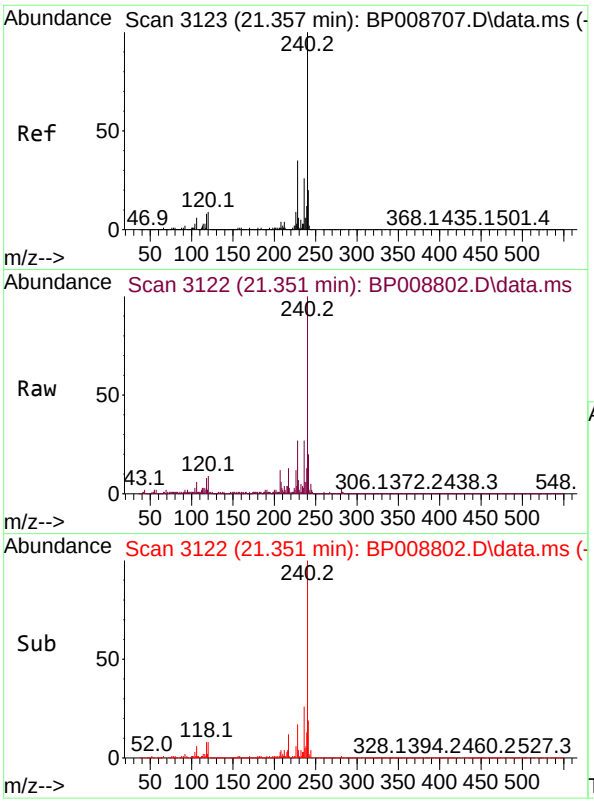


#75
Fluoranthene
Concen: 39.946 ng
RT: 19.269 min Scan# 2768
Delta R.T. -0.000 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Tgt Ion:202 Resp: 4787794

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.7
203	18.3	0.0	38.9



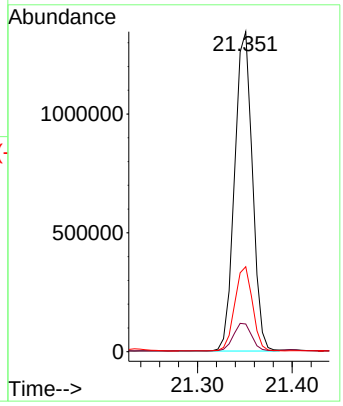


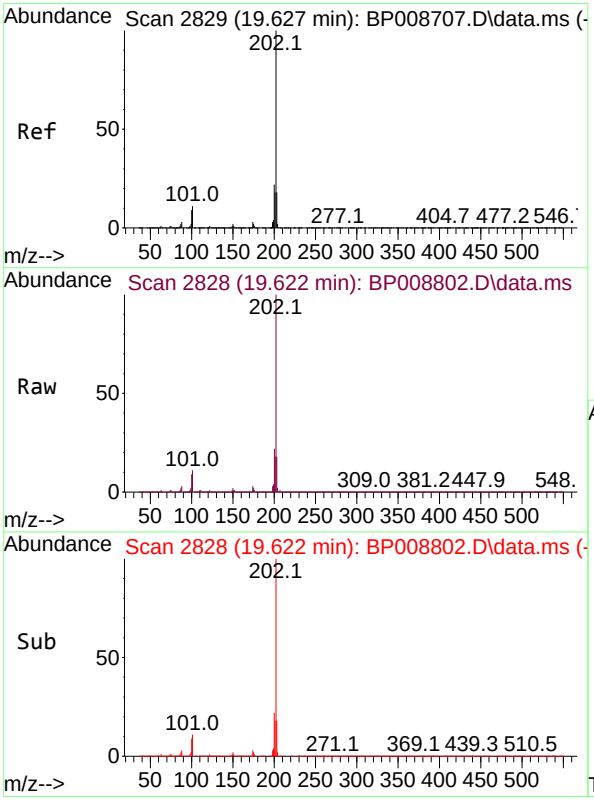
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Tgt Ion:240 Resp: 1747896

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.7	11.5
236	26.5	21.2	31.8

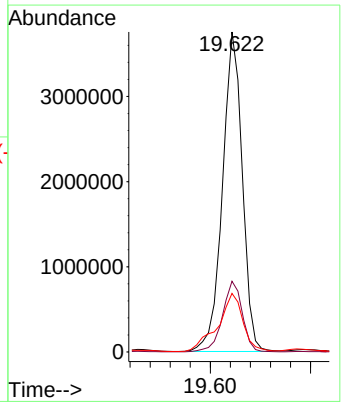


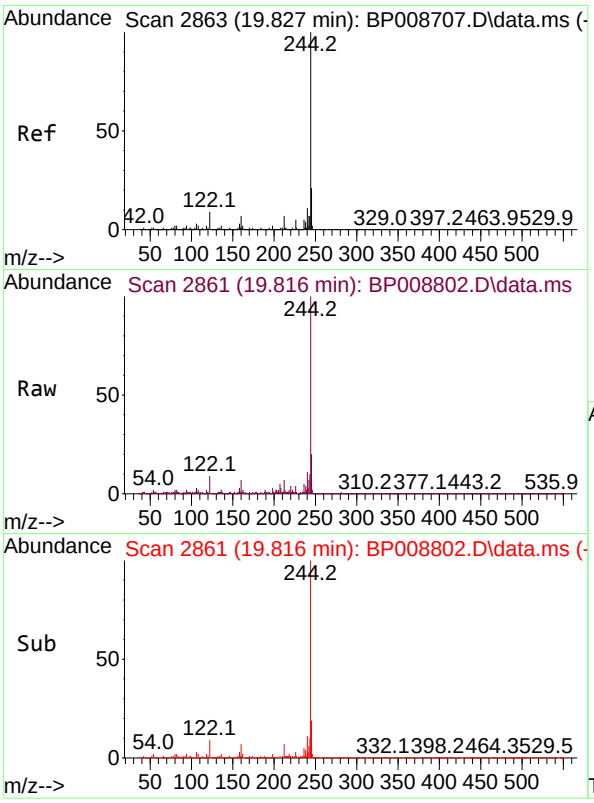


#78
Pyrene
Concen: 45.049 ng
RT: 19.622 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Tgt Ion:202 Resp: 5148623

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.0	27.0
203	18.3	15.0	22.6



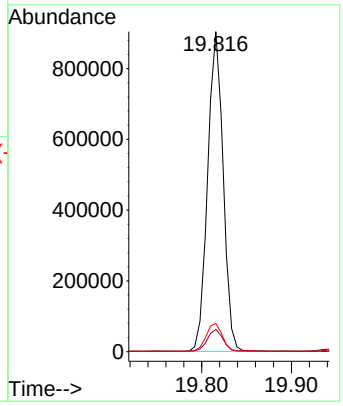


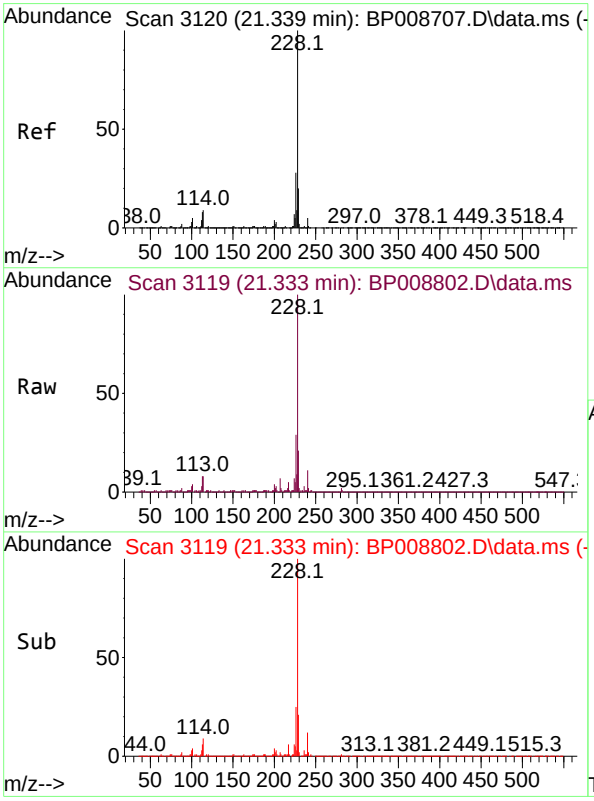
#79
Terphenyl-d14
Concen: 12.621 ng
RT: 19.816 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Tgt Ion:244 Resp: 1082537

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	8.8	9.2	13.8#

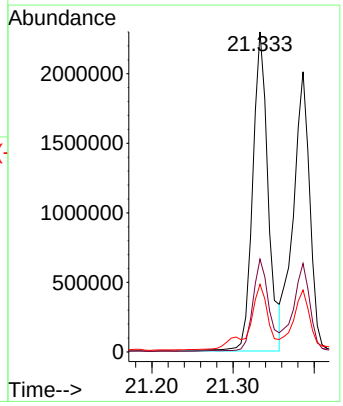


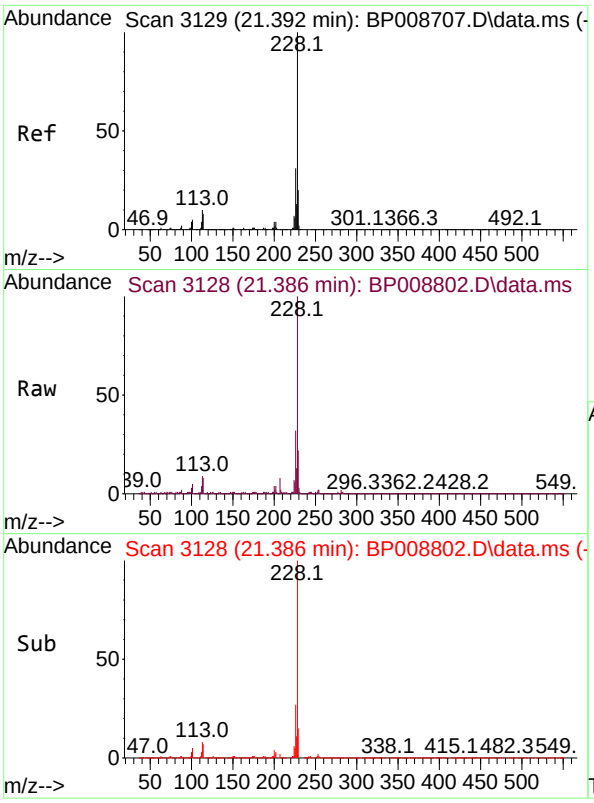


#81
Benzo(a)anthracene
Concen: 26.484 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Tgt Ion:228 Resp: 3036907

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.3	34.9
229	21.2	17.0	25.6



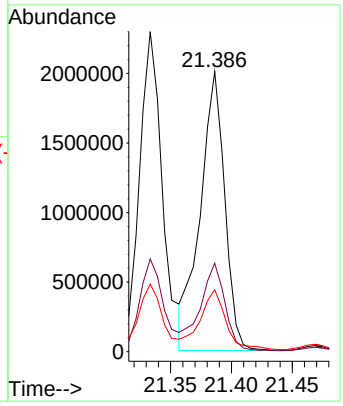


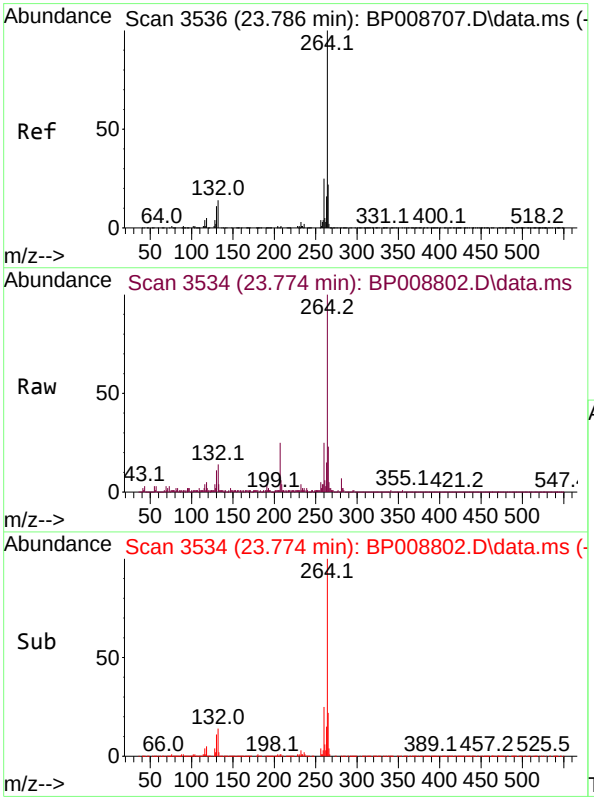
#83
Chrysene
Concen: 25.478 ng
RT: 21.386 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Tgt Ion:228 Resp: 2818315

Ion	Ratio	Lower	Upper
228	100		
226	31.6	26.0	39.0
229	22.1	16.9	25.3

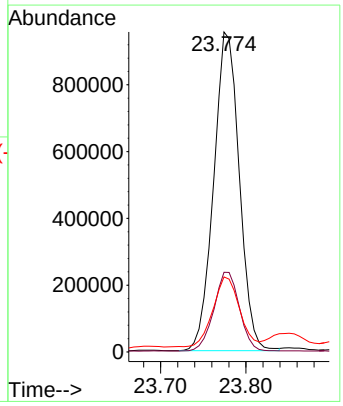


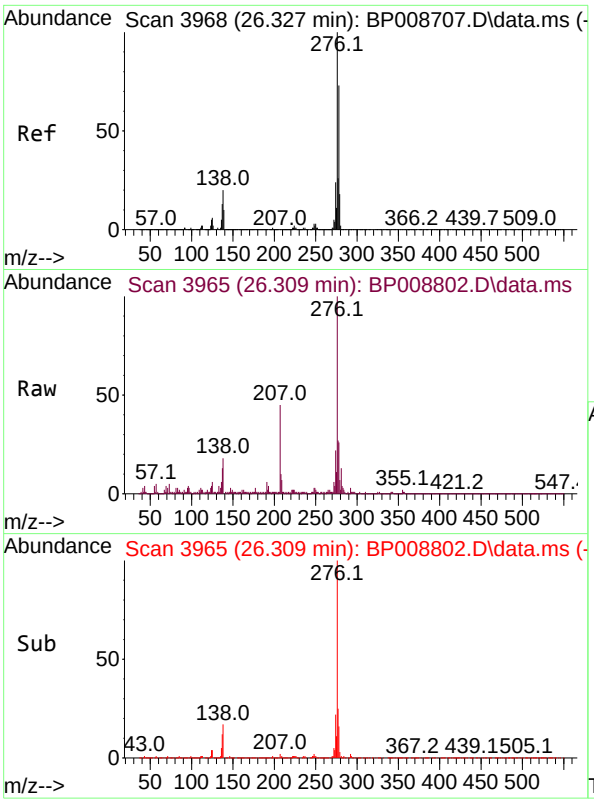


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3534
Delta R.T. 0.006 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Tgt Ion:264 Resp: 1994559

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.1	28.7
265	23.5	17.1	25.7



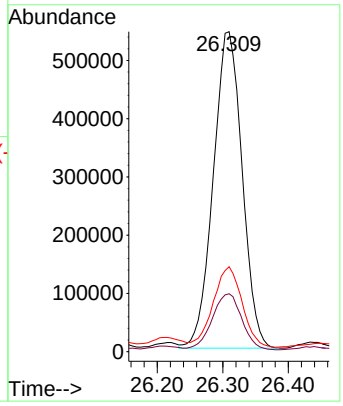


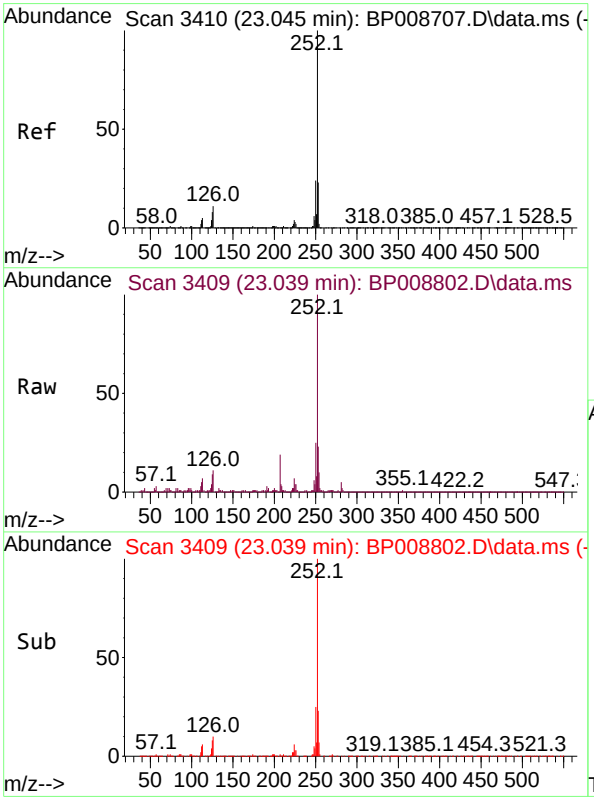
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.417 ng
RT: 26.309 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Tgt Ion:276 Resp: 1660303

Ion	Ratio	Lower	Upper
276	100		
138	18.2	17.8	26.6
277	25.5	20.4	30.6

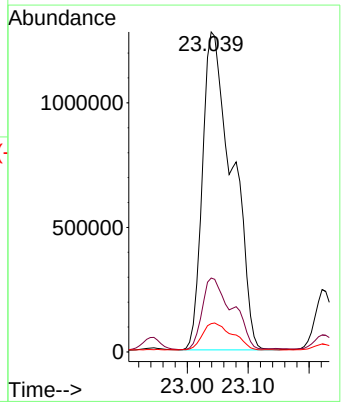


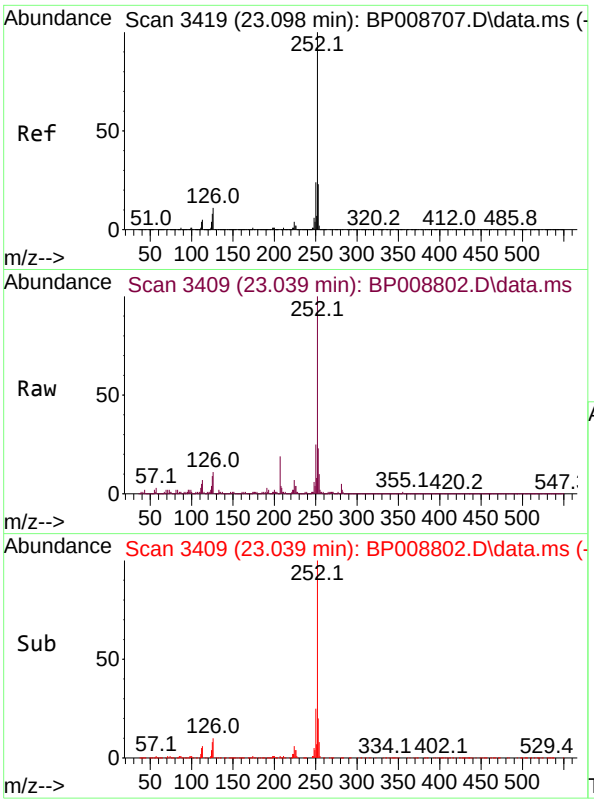


#88
Benzo(b)fluoranthene
Concen: 33.423 ng
RT: 23.039 min Scan# 3409
Delta R.T. 0.012 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Tgt Ion:252 Resp: 4355781

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	8.9	6.9	10.3



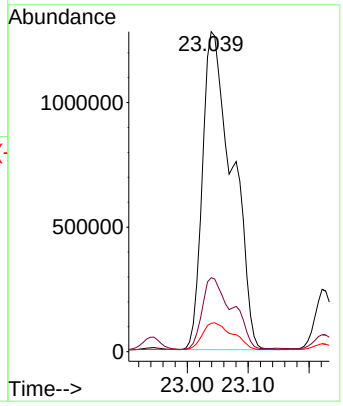


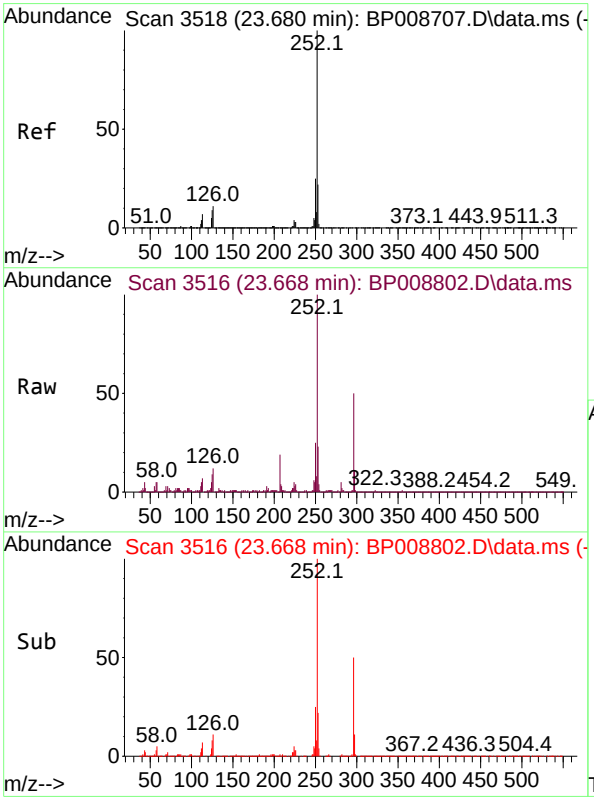
#89
Benzo(k)fluoranthene
Concen: 35.742 ng
RT: 23.039 min Scan# 34
Delta R.T. -0.041 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Tgt Ion:252 Resp: 4359284

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	8.9	7.3	10.9

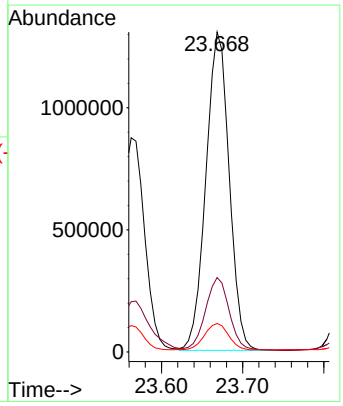


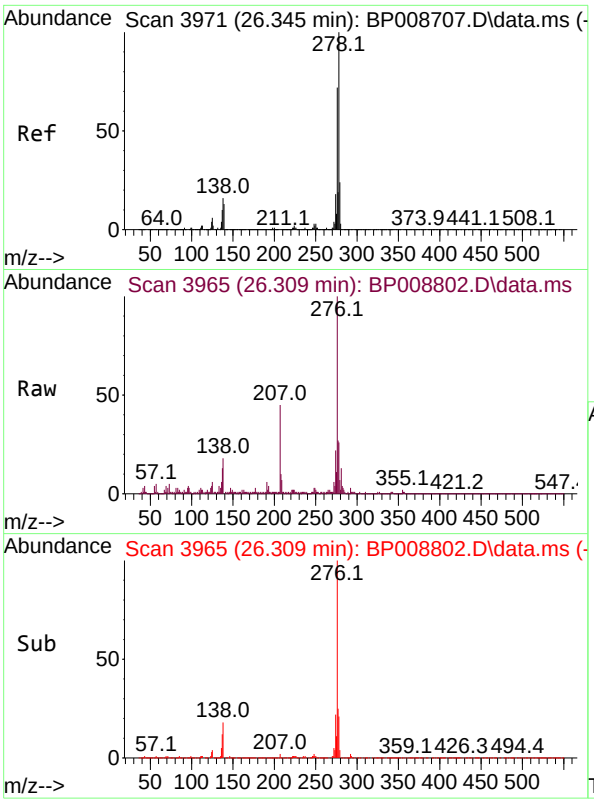


#90
Benzo(a)pyrene
Concen: 20.619 ng
RT: 23.668 min Scan# 3516
Delta R.T. 0.006 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Tgt Ion:252 Resp: 2597254

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	8.9	7.8	11.6



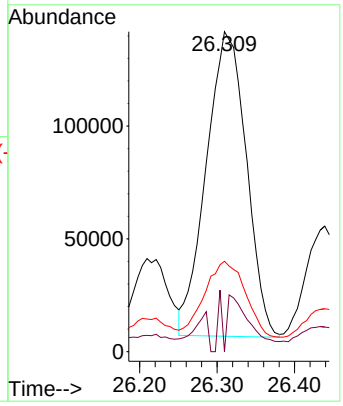


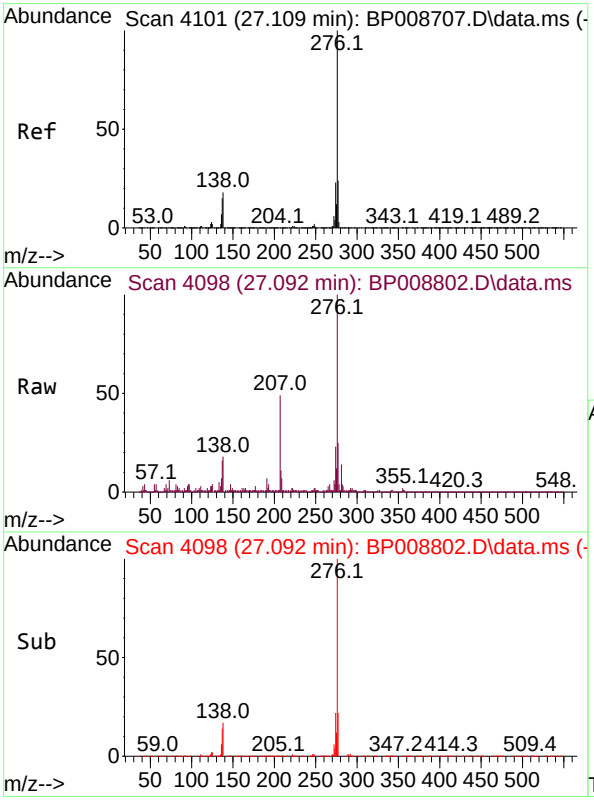
#91
Dibenzo(a,h)anthracene
Concen: 3.605 ng
RT: 26.309 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Instrument :
BNA_P
ClientSampleId :
TP-3SDL

Tgt Ion:278 Resp: 485458

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.5	17.3#
279	28.2	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 12.480 ng
RT: 27.092 min Scan# 4098
Delta R.T. 0.017 min
Lab File: BP008802.D
Acq: 13 Jan 2022 21:50

Tgt Ion:276 Resp: 1668274

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.2	28.8
138	17.9	15.0	22.4