Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Time: Dec 06 00:01:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	116313	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	452595	20.000	ng		0.00
39) Acenaphthene-d10	14.440	164	303406	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	586641	20.000	ng	#	0.00
76) Chrysene-d12	21.316	240	455970	20.000	ng		0.00
86) Perylene-d12	23.710	264	477806	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	184389	25.525	ng		0.00
7) Phenol-d6	6.981	99	230753	23.662	ng		0.00
23) Nitrobenzene-d5	8.952	82	160819	16.158	ng		-0.01
42) 2,4,6-Tribromophenol	15.945	330	99682	25.704	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	360152	17.242	ng		0.00
79) Terphenyl-d14	19.781	244	489171	22.421	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.940	77	1446	Below Cal		#	67
31) Naphthalene	10.640	128	705328	30.422	ng		100
33) 4-Chloroaniline	10.640	127	94908	9.867	ng	#	33
37) 2-Methylnaphthalene	12.257	142	162915	9.935	ng		98
38) 1-Methylnaphthalene	12.475	142	93524	5.859	ng		99
46) 1,1'-Biphenyl	13.269	154	60939	2.768	ng		96
52) Acenaphthene	14.504	154	438783	27.453	ng		100
55) Dibenzofuran	14.846	168	431291	15.791	ng		99
56) 4-Nitrophenol	14.840	139	167406	45.578	ng	#	2
58) Fluorene	15.498	166	507500	22.870	ng		99
71) Phenanthrene	17.257	178	3804295	122.824	ng		99
72) Anthracene	17.345	178	1071506	34.859	ng		99
73) Carbazole	17.616	167	428312	14.274	ng		98
75) Fluoranthene	19.239	202	4204389	100.763	ng		93
78) Pyrene	19.592	202	3261054	117.731	ng		98
81) Benzo(a)anthracene	21.298	228	1831049	60.591	ng		99
83) Chrysene	21.351	228	1568341	54.539	ng		97
87) Indeno(1,2,3-cd)pyrene	26.215	276	1034148	29.750	ng	#	94
88) Benzo(b)fluoranthene	22.986	252	2091003	72.593	ng		99
89) Benzo(k)fluoranthene	22.986	252	2091003	74.149	ng		98
90) Benzo(a)pyrene	23.504	252	1000708	40.649	ng		98
91) Dibenzo(a,h)anthracene	26.215	278	294628	10.206	ng		95
92) Benzo(g,h,i)perylene	26.980	276	977409	33.560	ng		96

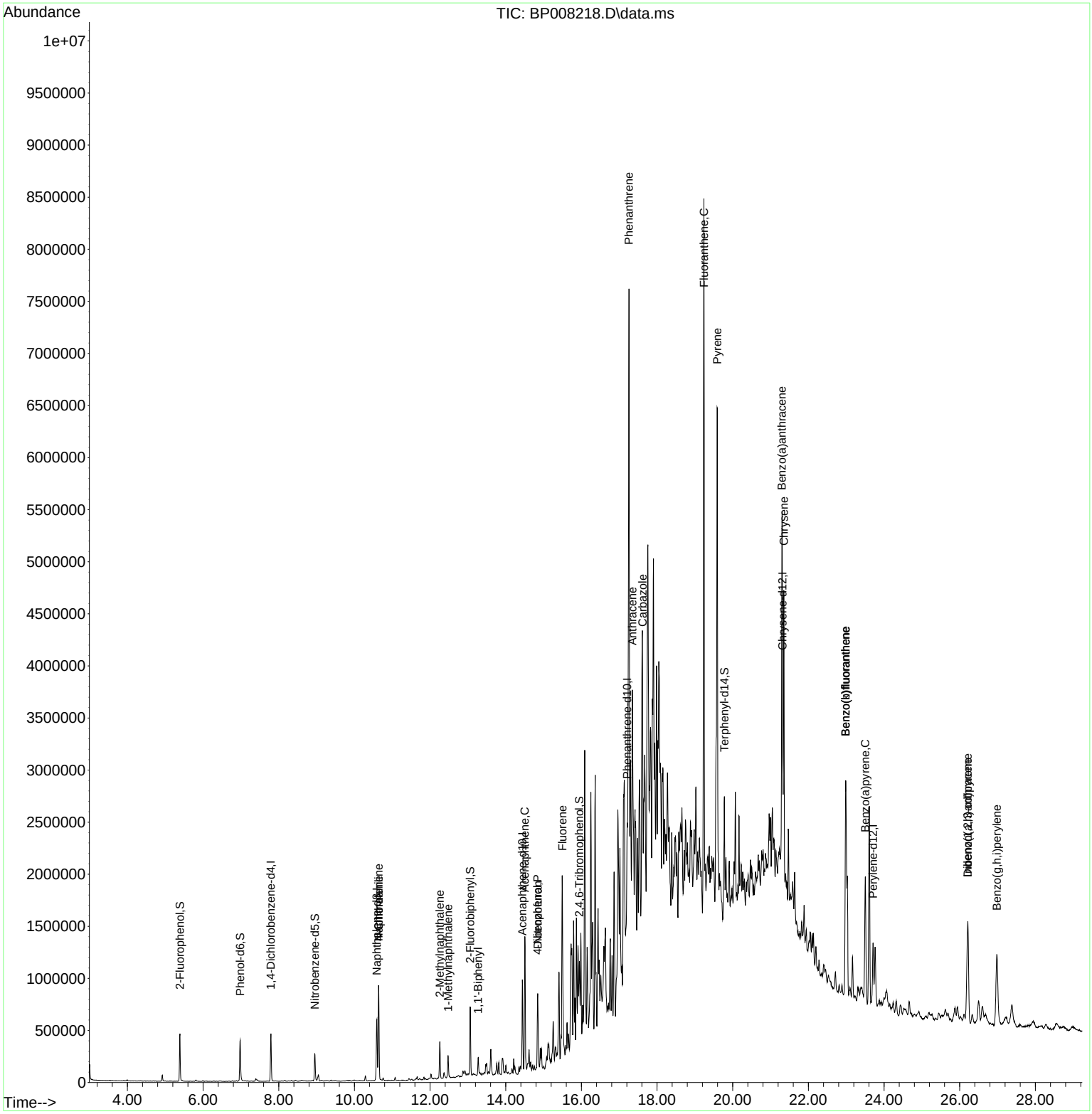
(#) = qualifier out of range (m) = manual integration (+) = signals summed

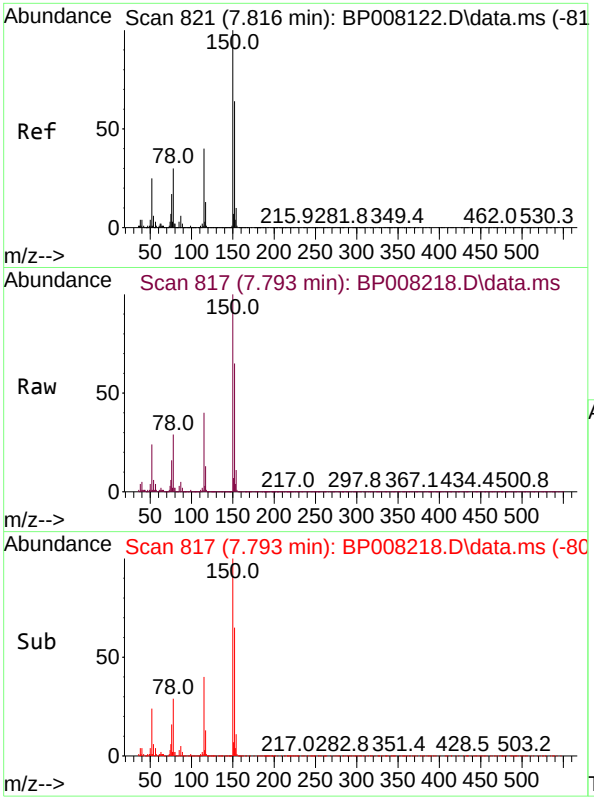
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Time: Dec 06 00:01:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration



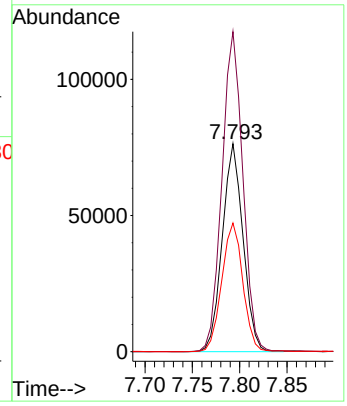


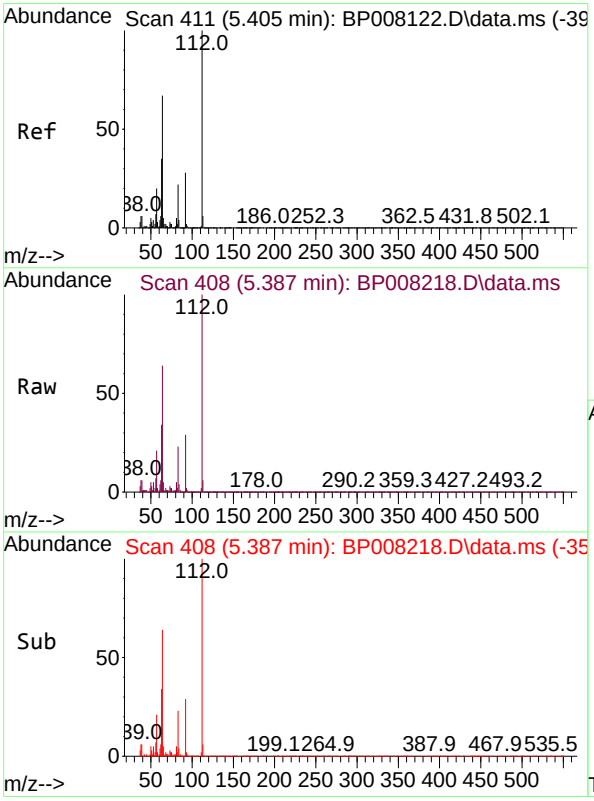
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:152 Resp: 116313

Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.7	188.5
115	61.8	50.7	76.1

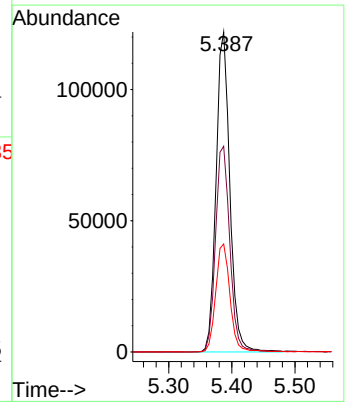


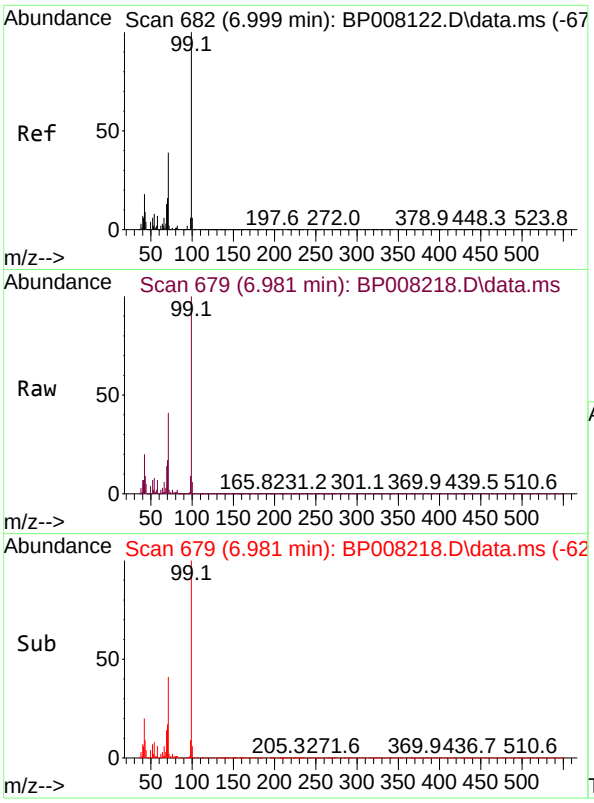


#5
2-Fluorophenol
Concen: 25.525 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:112 Resp: 184389

Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.4	80.2
63	33.7	27.8	41.8



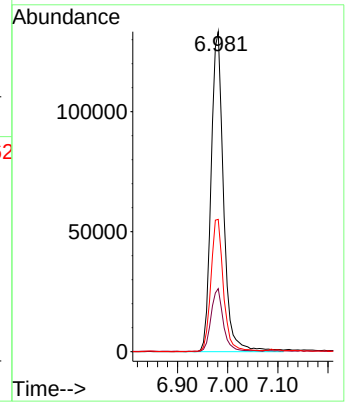


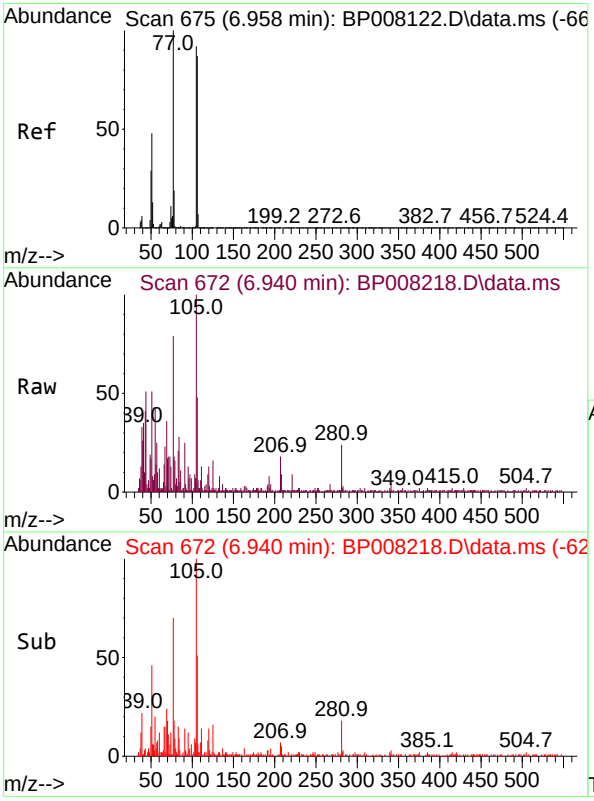
#7
Phenol-d6
Concen: 23.662 ng
RT: 6.981 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion: 99 Resp: 230753

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.6	22.0
71	41.4	31.1	46.7

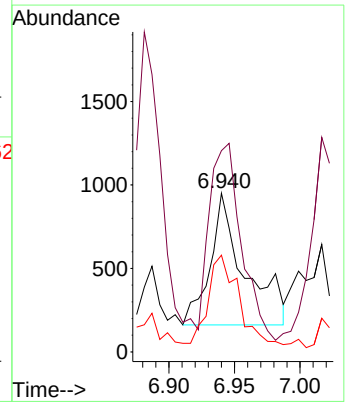


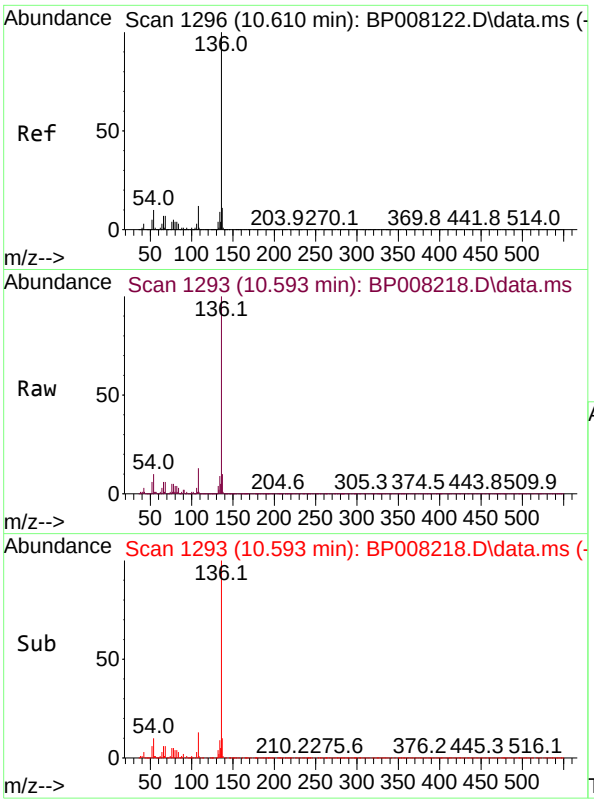


#9
Benzaldehyde
Concen: Below Cal
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion: 77 Resp: 1446

Ion	Ratio	Lower	Upper
77	100		
105	126.8	71.8	111.8#
106	61.0	67.3	107.3#



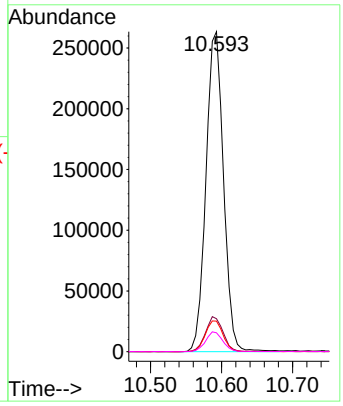


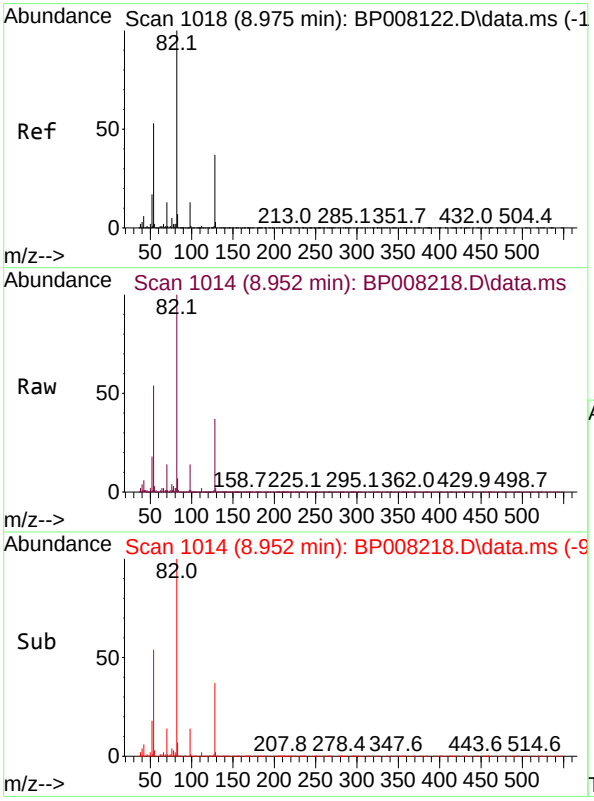
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:136 Resp: 452595

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	9.5	8.2	12.4
68	5.9	5.8	8.8

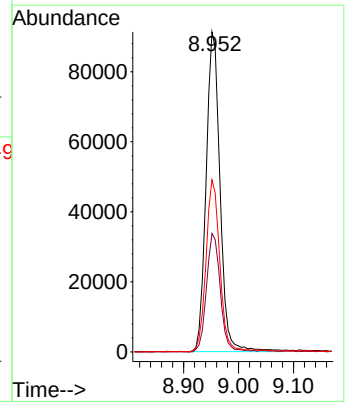


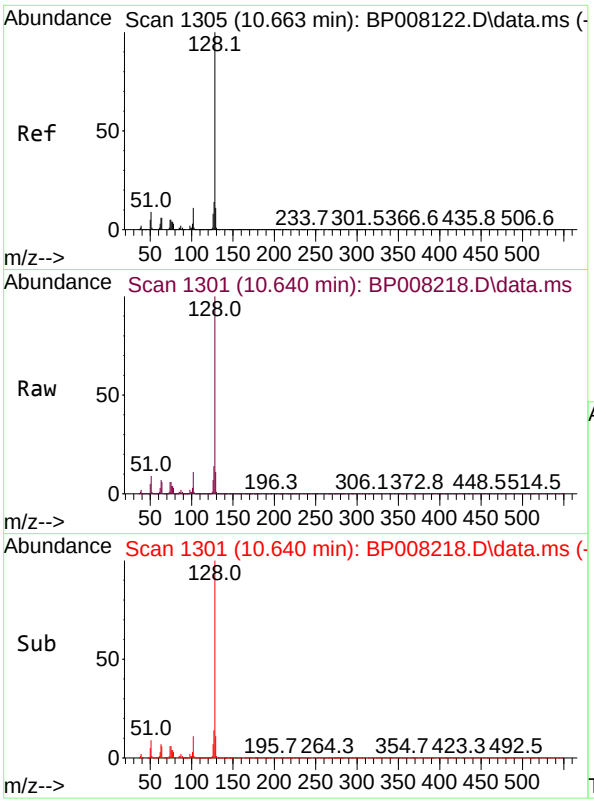


#23
Nitrobenzene-d5
Concen: 16.158 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion: 82 Resp: 160819

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.6	44.4
54	53.8	42.7	64.1



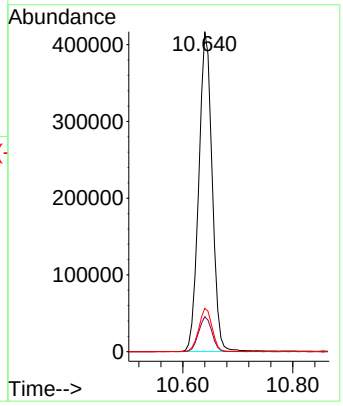


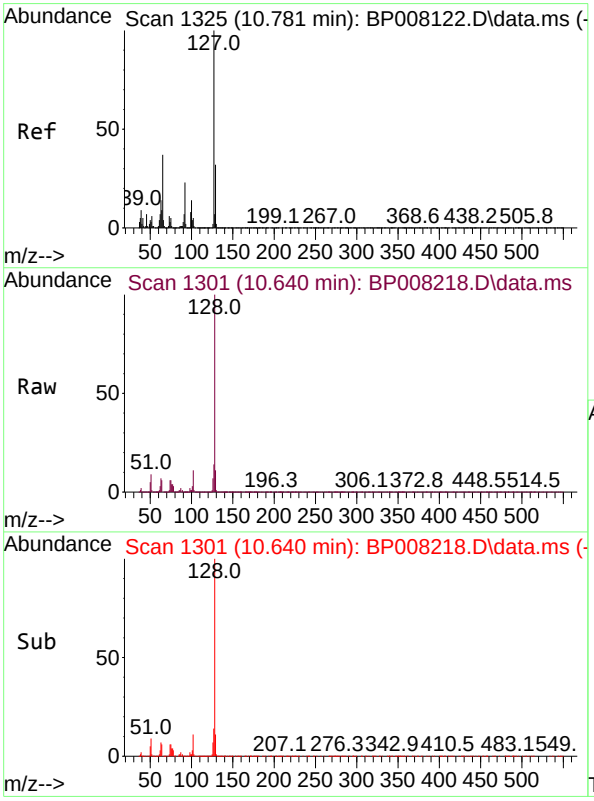
#31
Naphthalene
Concen: 30.422 ng
RT: 10.640 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:128 Resp: 705328

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.6	10.9	16.3

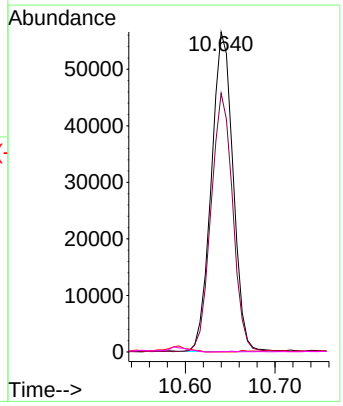


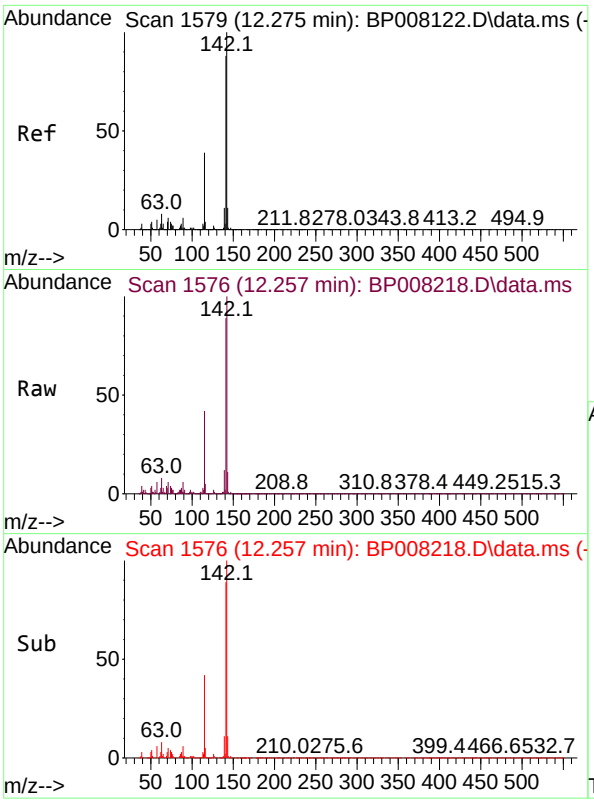


#33
4-Chloroaniline
Concen: 9.867 ng
RT: 10.640 min Scan# 1301
Delta R.T. -0.123 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:127 Resp: 94908

Ion	Ratio	Lower	Upper
127	100		
129	80.9	25.4	38.2#
65	0.0	29.5	44.3#
92	0.1	18.2	27.4#



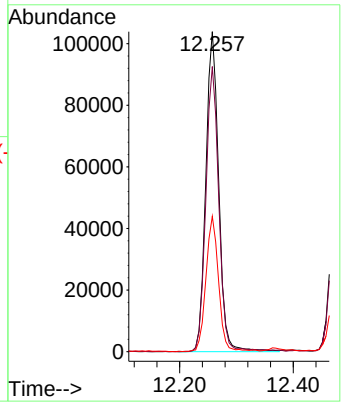


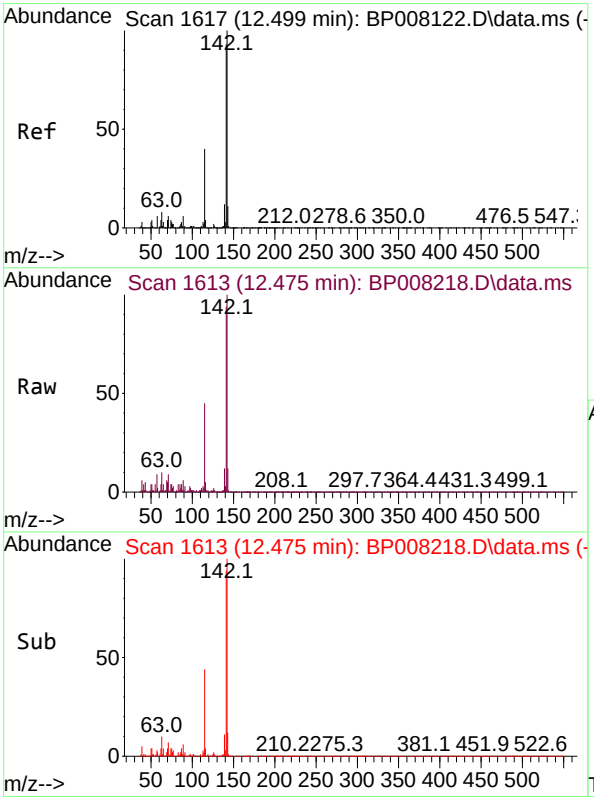
#37
2-Methylnaphthalene
Concen: 9.935 ng
RT: 12.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:142 Resp: 162915

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.7	106.1
115	42.3	30.9	46.3

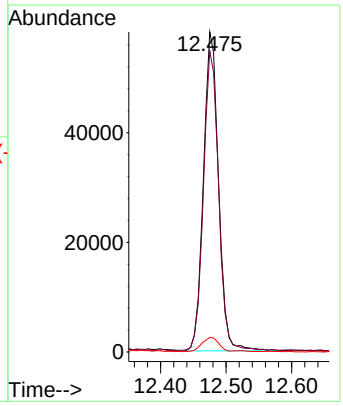


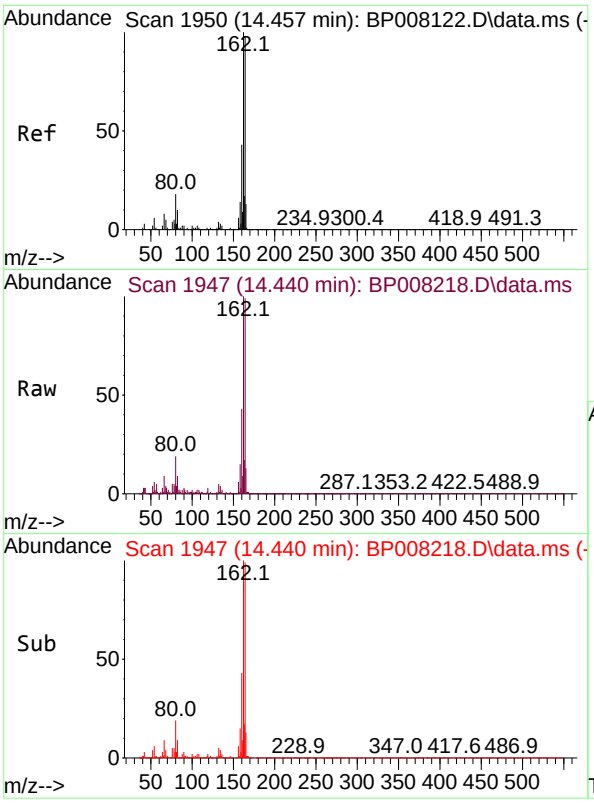


#38
1-Methylnaphthalene
Concen: 5.859 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:142 Resp: 93524

Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.2	111.4
116	4.5	3.4	5.2



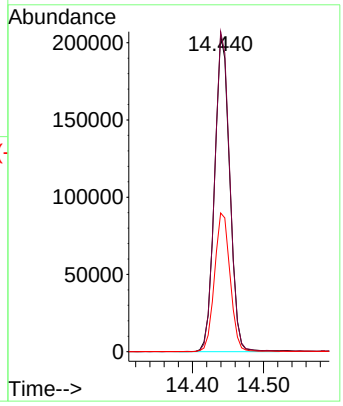


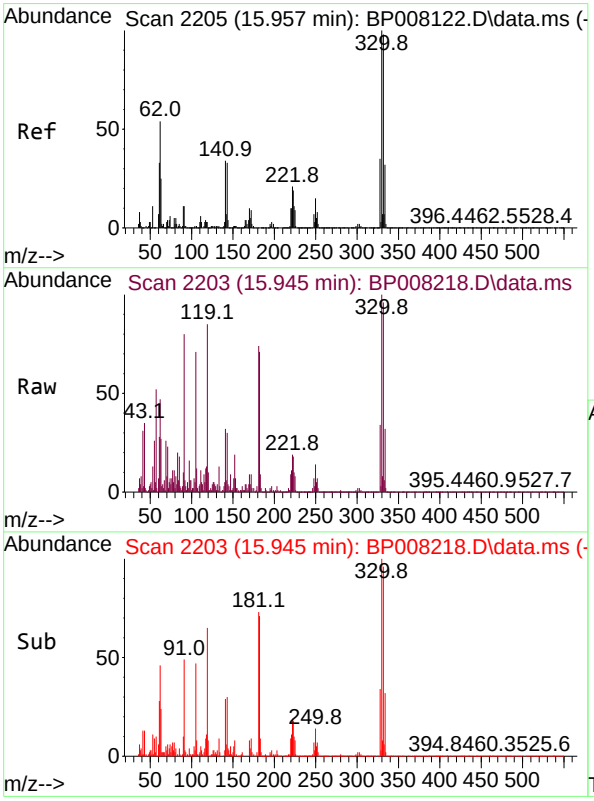
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:164 Resp: 303406

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.9	122.9
160	43.8	35.4	53.0

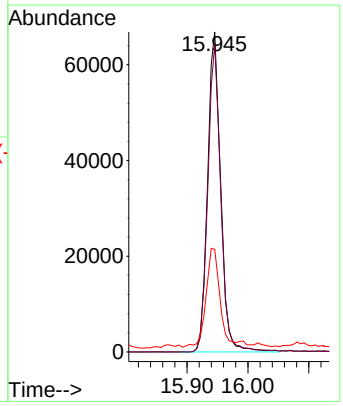


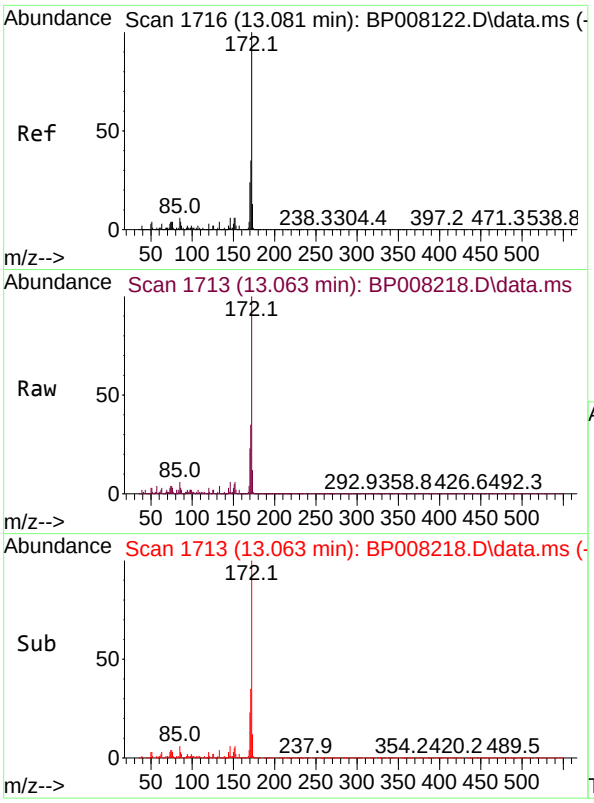


#42
2,4,6-Tribromophenol
Concen: 25.704 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:330 Resp: 99682

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	32.6	28.4	42.6



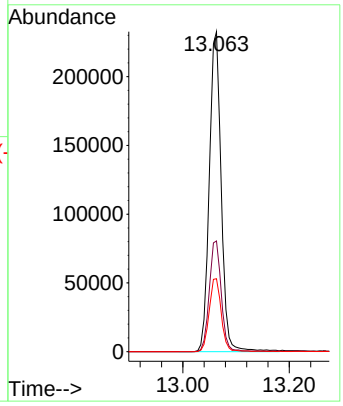


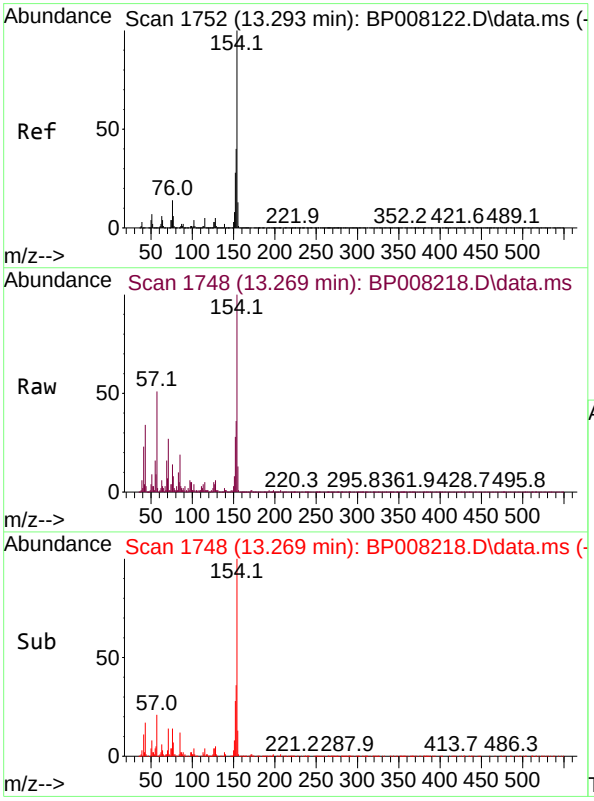
#45
2-Fluorobiphenyl
Concen: 17.242 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:172 Resp: 360152

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.0	42.0
170	22.8	18.9	28.3

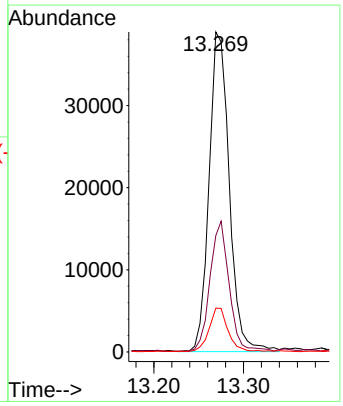


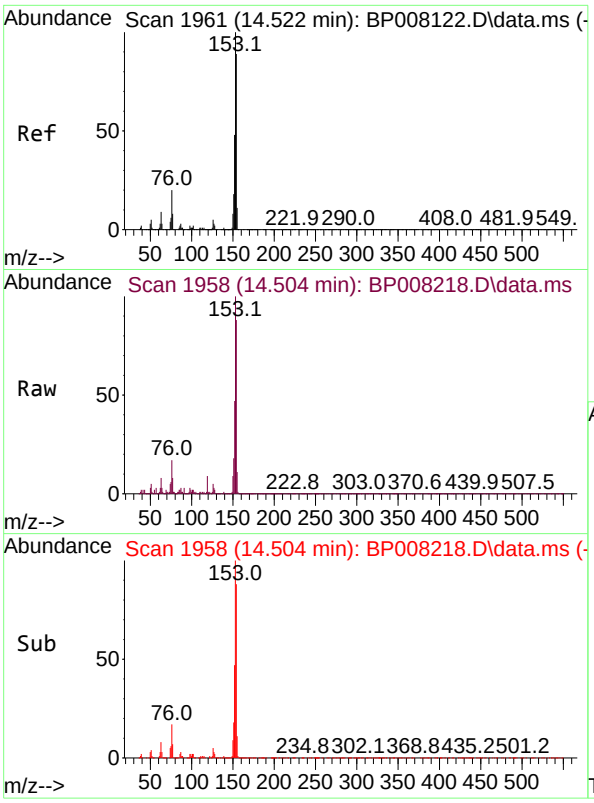


#46
1,1'-Biphenyl
Concen: 2.768 ng
RT: 13.269 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:154 Resp: 60939

Ion	Ratio	Lower	Upper
154	100		
153	36.4	19.7	59.7
76	13.7	0.0	33.7



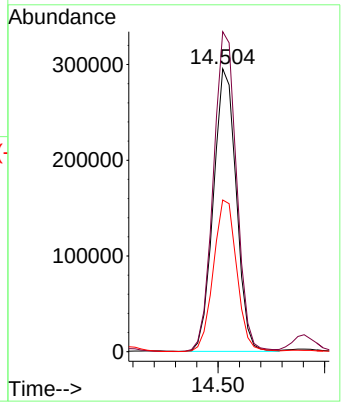


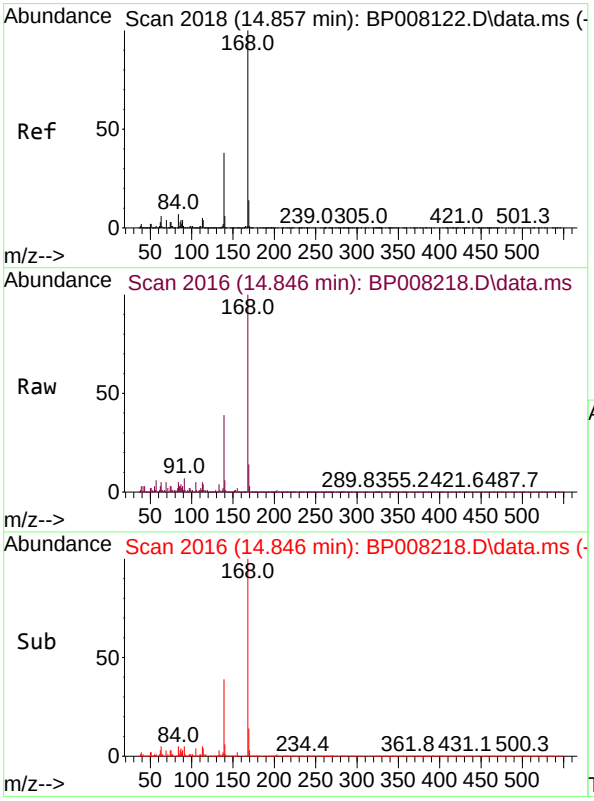
#52
Acenaphthene
Concen: 27.453 ng
RT: 14.504 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:154 Resp: 438783

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.3	135.5
152	53.6	43.3	64.9

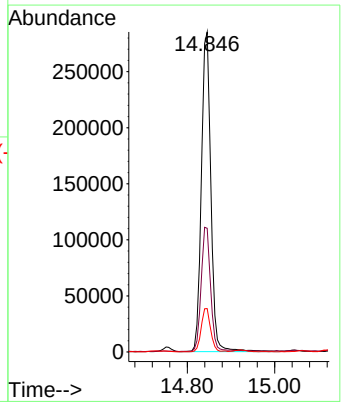


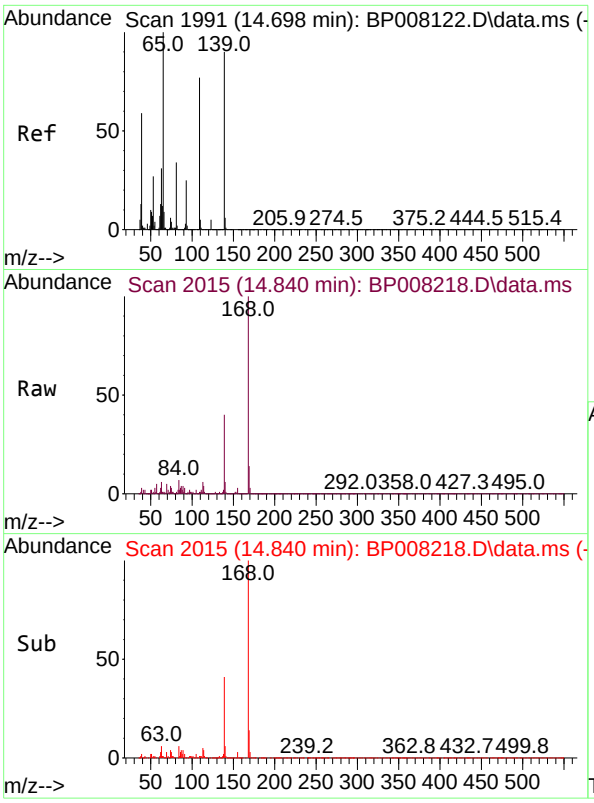


#55
Dibenzofuran
Concen: 15.791 ng
RT: 14.846 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:168 Resp: 431291

Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.6	46.0
169	13.5	11.0	16.4



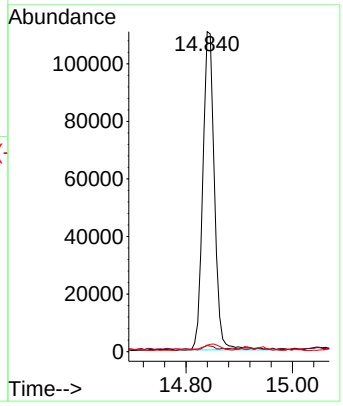


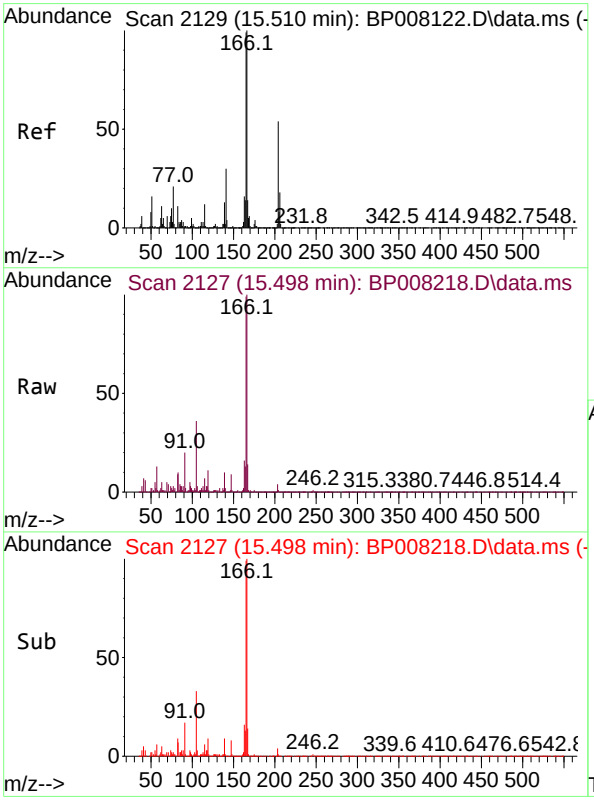
#56
4-Nitrophenol
Concen: 45.578 ng
RT: 14.840 min Scan# 2
Delta R.T. 0.135 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:139 Resp: 167406

Ion	Ratio	Lower	Upper
139	100		
109	1.9	65.9	105.9#
65	2.1	91.9	131.9#

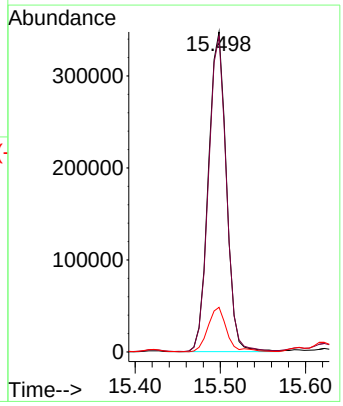


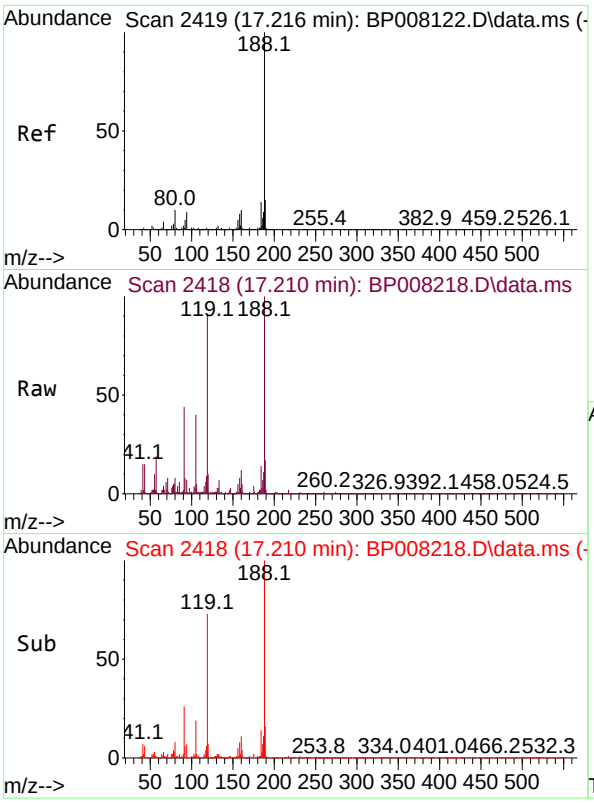


#58
Fluorene
Concen: 22.870 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:166 Resp: 507500

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.4	119.2
167	13.9	10.9	16.3



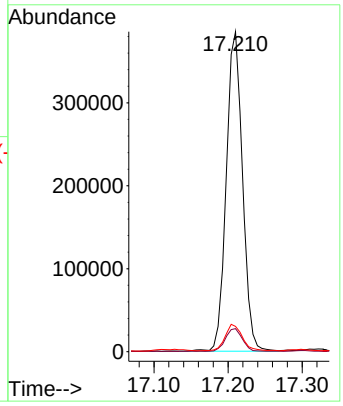


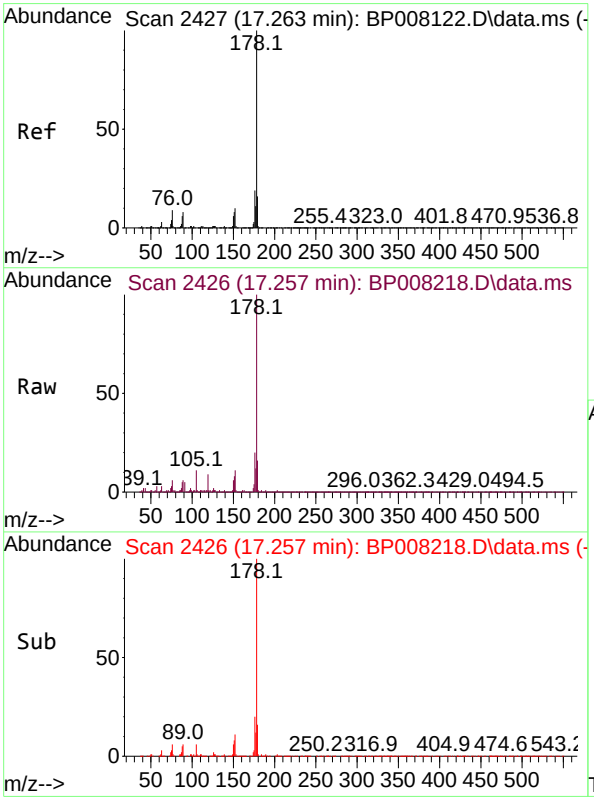
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:188 Resp: 586641

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.2	10.8#
80	7.9	8.2	12.4#

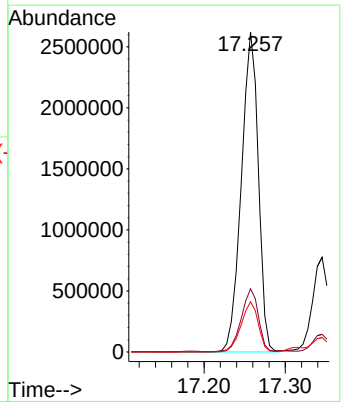


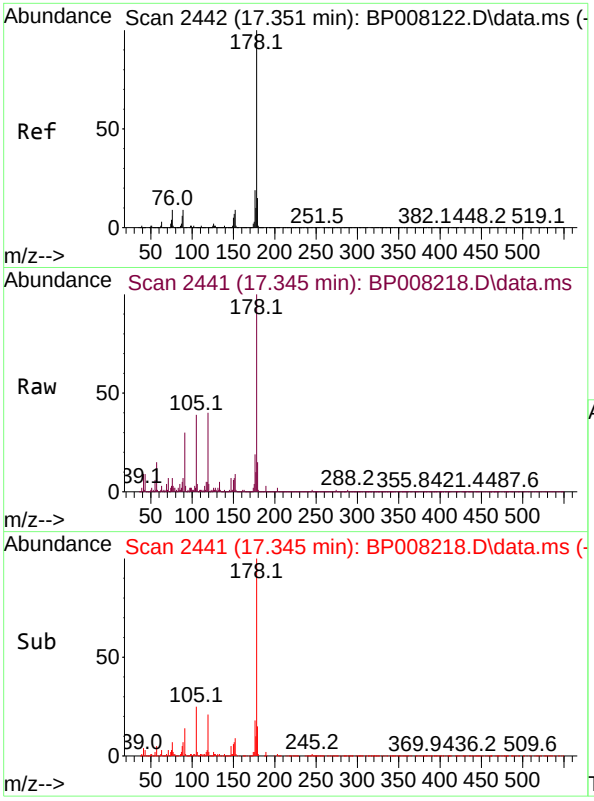


#71
Phenanthrene
Concen: 122.824 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:178 Resp: 3804295

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.7	12.5	18.7



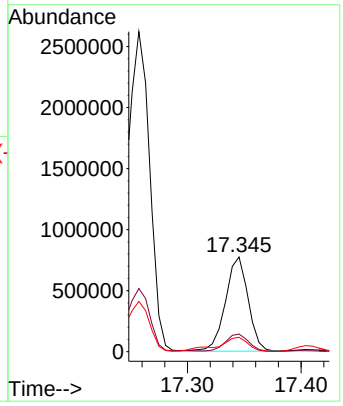


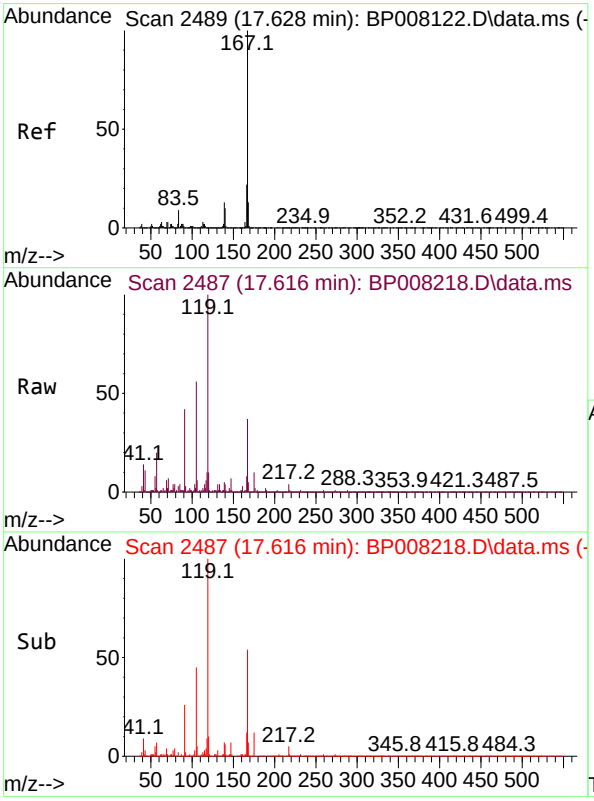
#72
Anthracene
Concen: 34.859 ng
RT: 17.345 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:178 Resp: 1071506

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.2	12.3	18.5

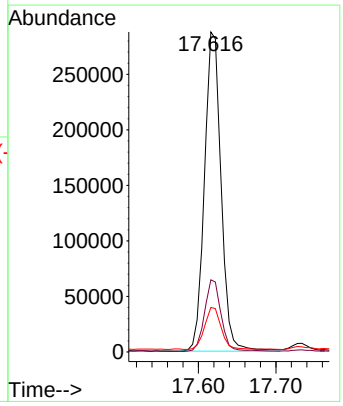


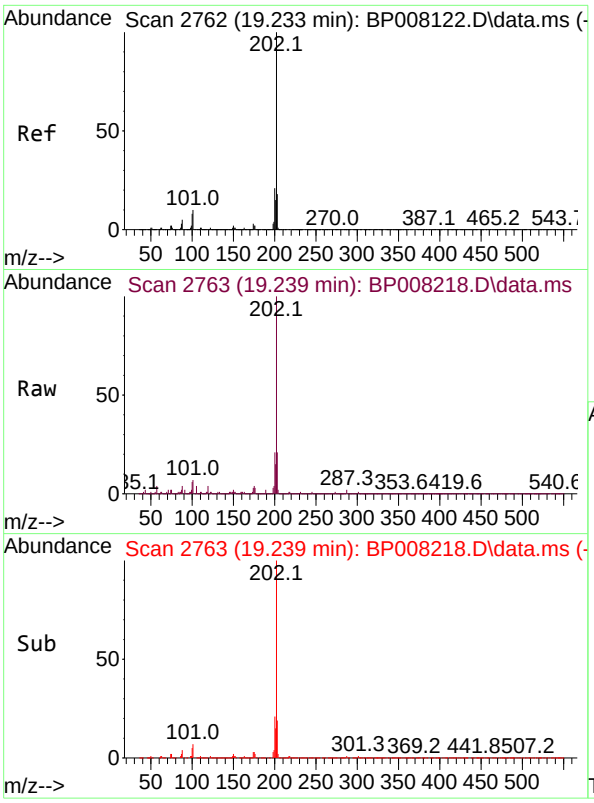


#73
Carbazole
Concen: 14.274 ng
RT: 17.616 min Scan# 2487
Delta R.T. -0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:167 Resp: 428312

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.4	26.0
139	13.9	10.2	15.2



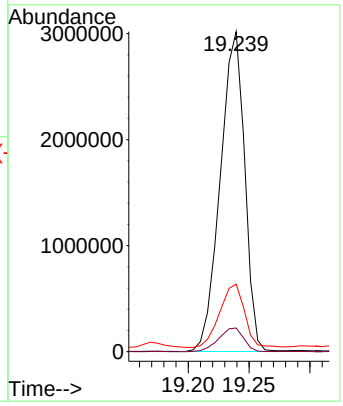


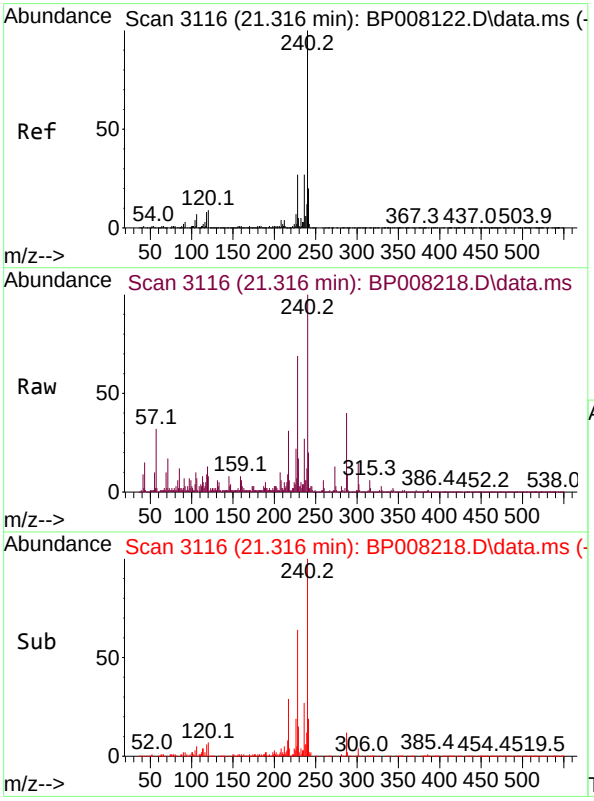
#75
Fluoranthene
Concen: 100.763 ng
RT: 19.239 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:202 Resp: 4204389

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	29.8
203	21.1	0.0	37.7

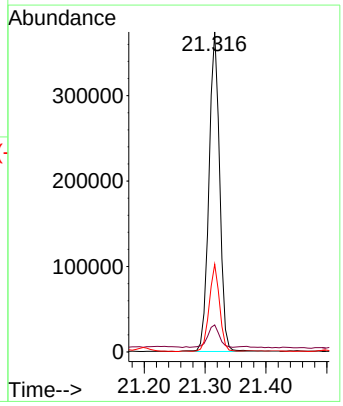


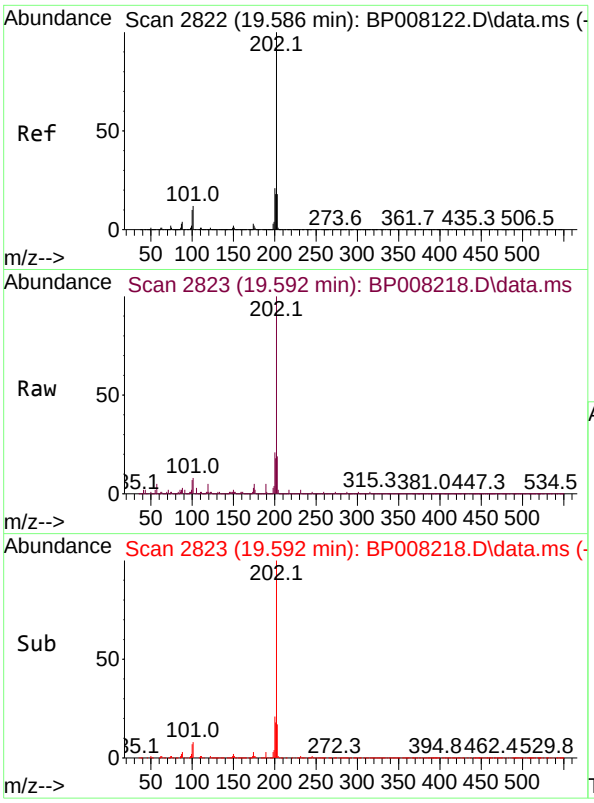


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:240 Resp: 455970

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.3	10.9
236	27.4	21.4	32.2



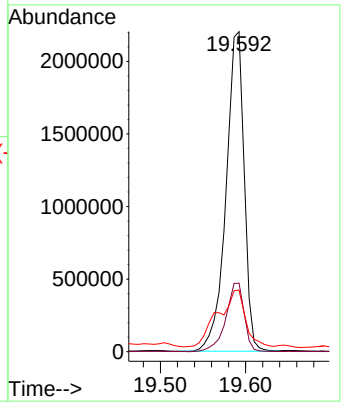


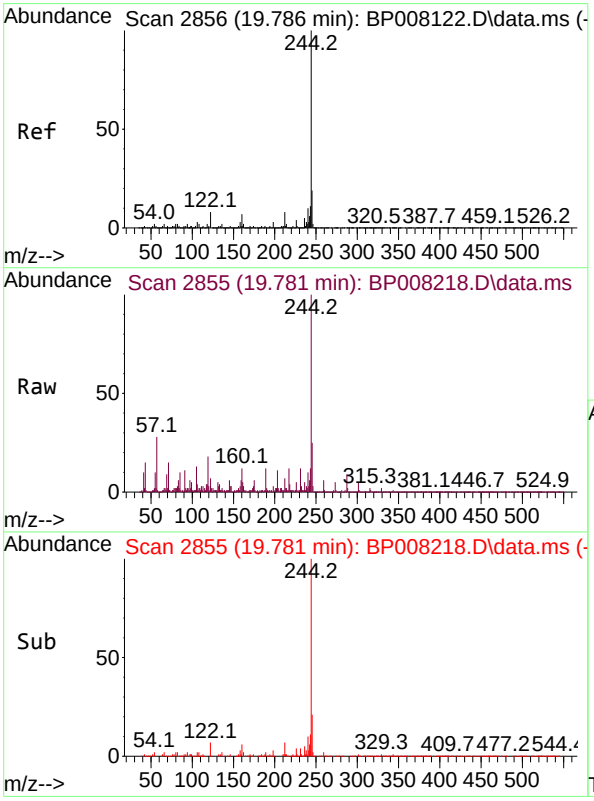
#78
Pyrene
Concen: 117.731 ng
RT: 19.592 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:202 Resp: 3261054

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	19.3	14.2	21.2

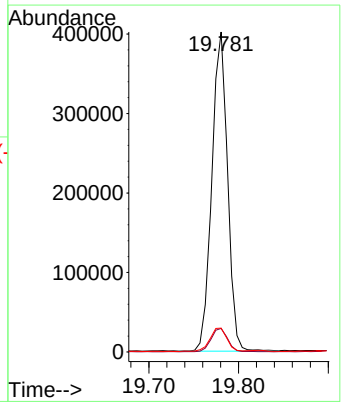


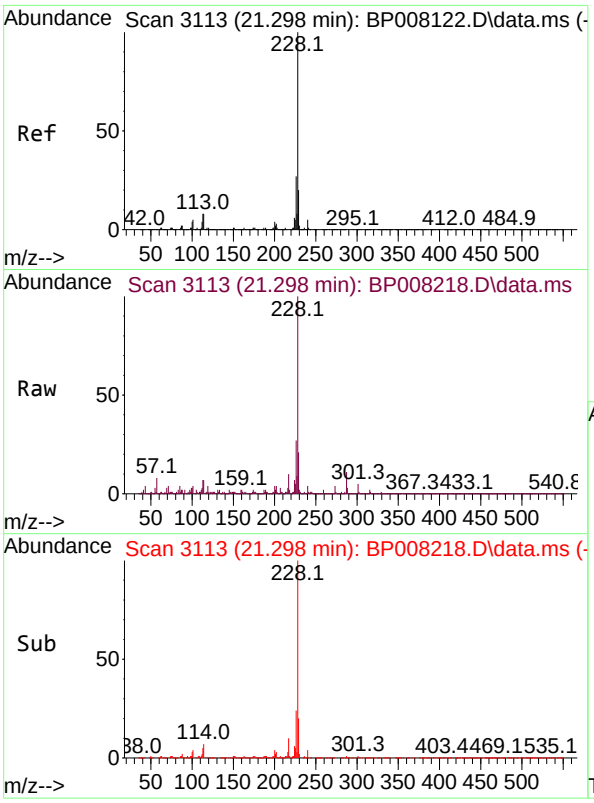


#79
Terphenyl-d14
Concen: 22.421 ng
RT: 19.781 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:244 Resp: 489171

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	7.4	6.6	9.8



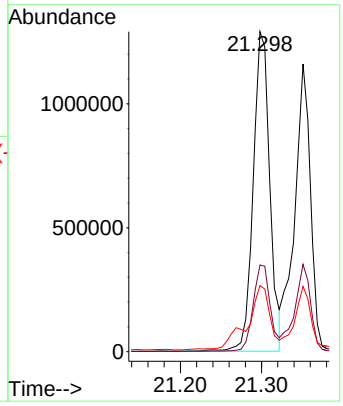


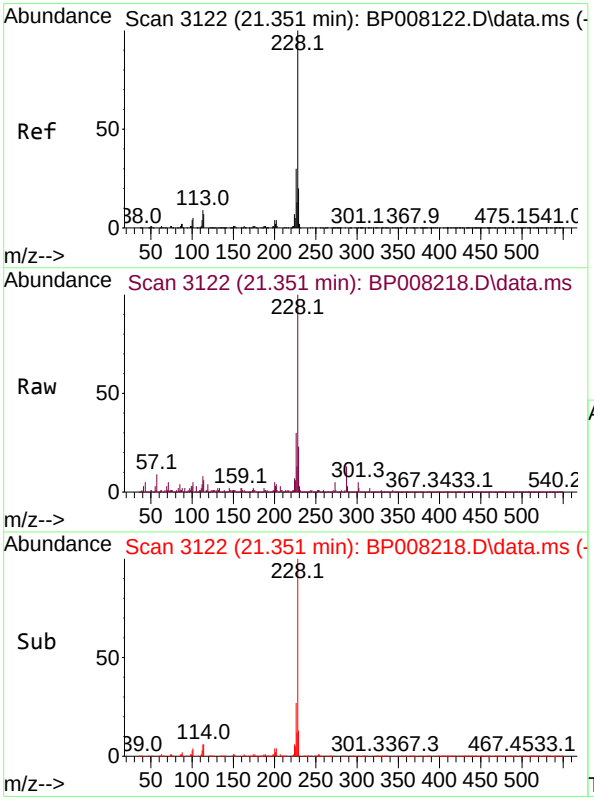
#81
Benzo(a)anthracene
Concen: 60.591 ng
RT: 21.298 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:228 Resp: 1831049

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	20.7	15.9	23.9

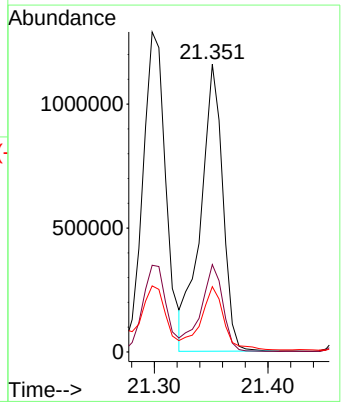


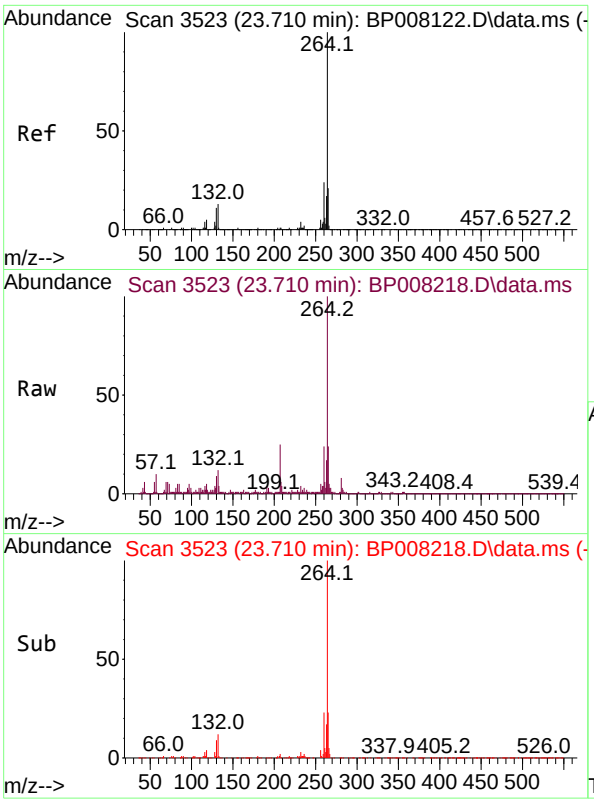


#83
Chrysene
Concen: 54.539 ng
RT: 21.351 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:228 Resp: 1568341

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	22.7	15.8	23.8



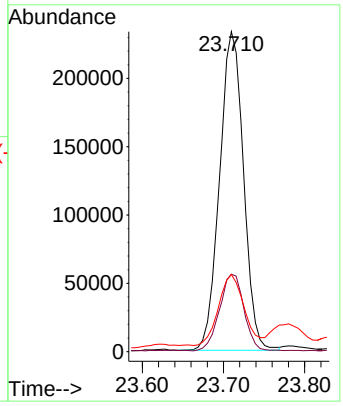


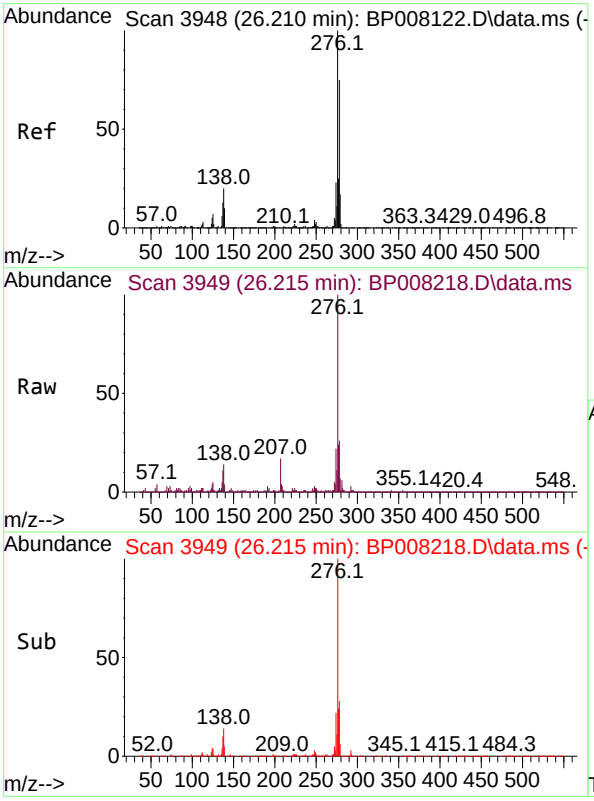
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:264 Resp: 477806

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	24.2	17.6	26.4

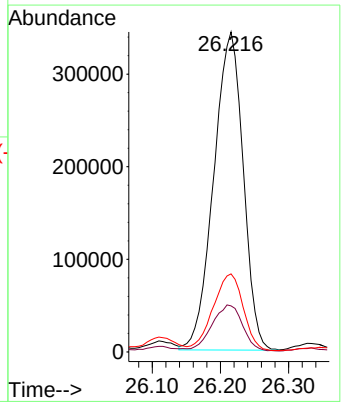


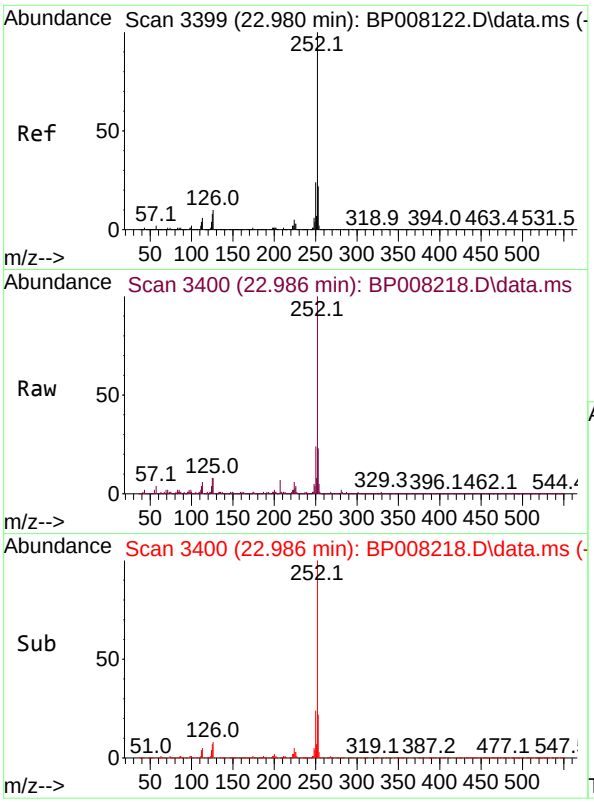


#87
Indeno(1,2,3-cd)pyrene
Concen: 29.750 ng
RT: 26.215 min Scan# 3949
Delta R.T. -0.012 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:276 Resp: 1034148

Ion	Ratio	Lower	Upper
276	100		
138	15.0	16.6	25.0#
277	24.7	20.2	30.2



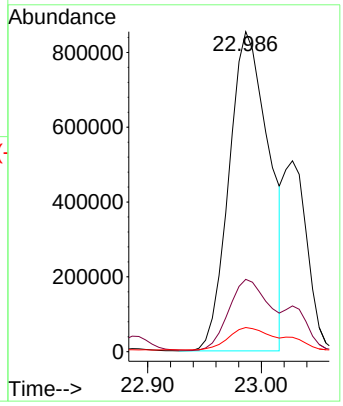


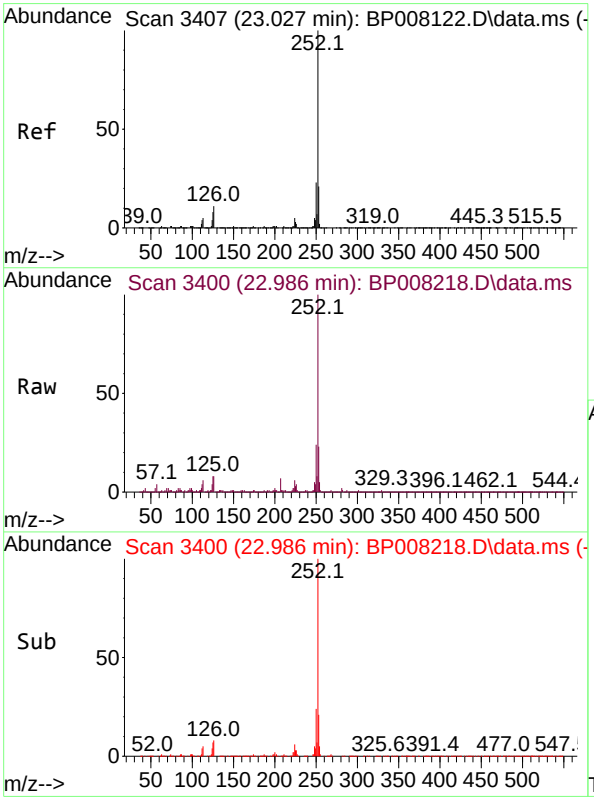
#88
Benzo(b)fluoranthene
Concen: 72.593 ng
RT: 22.986 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:252 Resp: 2091003

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	7.6	6.2	9.4

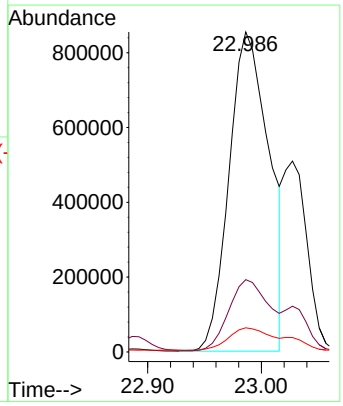


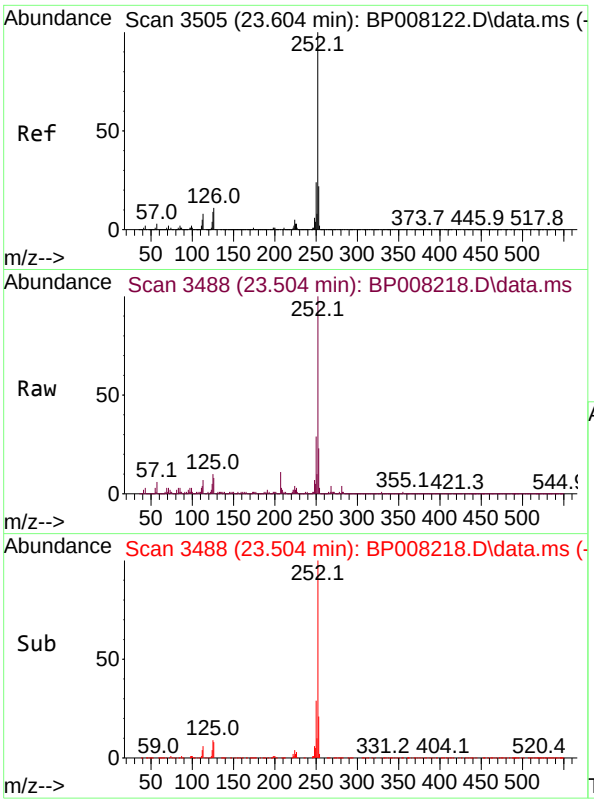


#89
Benzo(k)fluoranthene
Concen: 74.149 ng
RT: 22.986 min Scan# 3400
Delta R.T. -0.047 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:252 Resp: 2091003

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	7.6	6.5	9.7



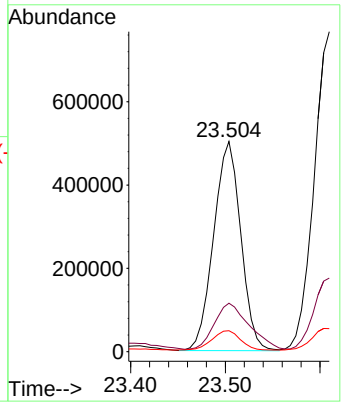


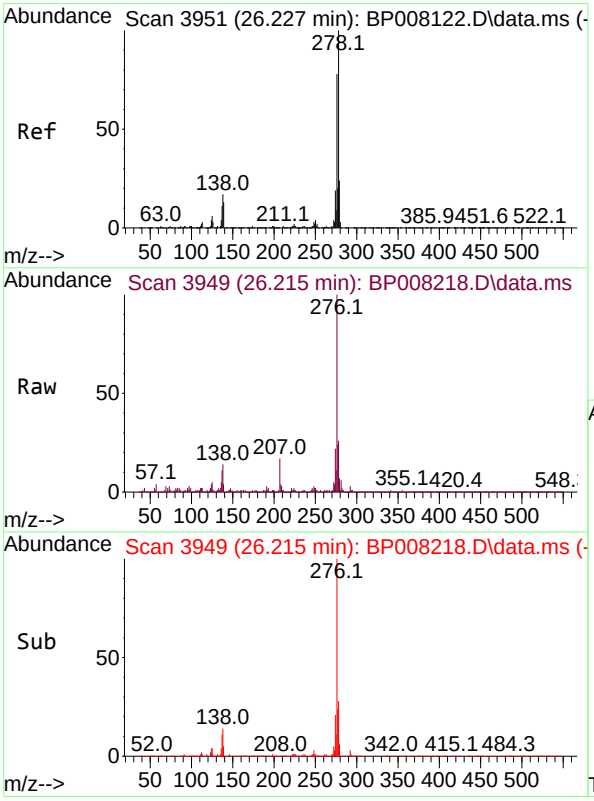
#90
Benzo(a)pyrene
Concen: 40.649 ng
RT: 23.504 min Scan# 34
Delta R.T. -0.106 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:252 Resp: 1000708

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	10.0	7.4	11.0

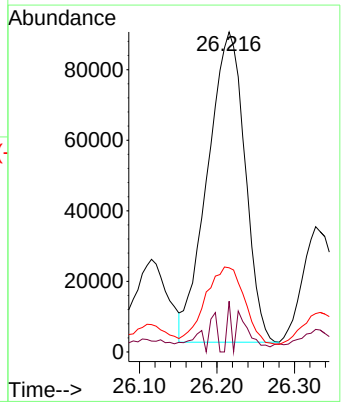


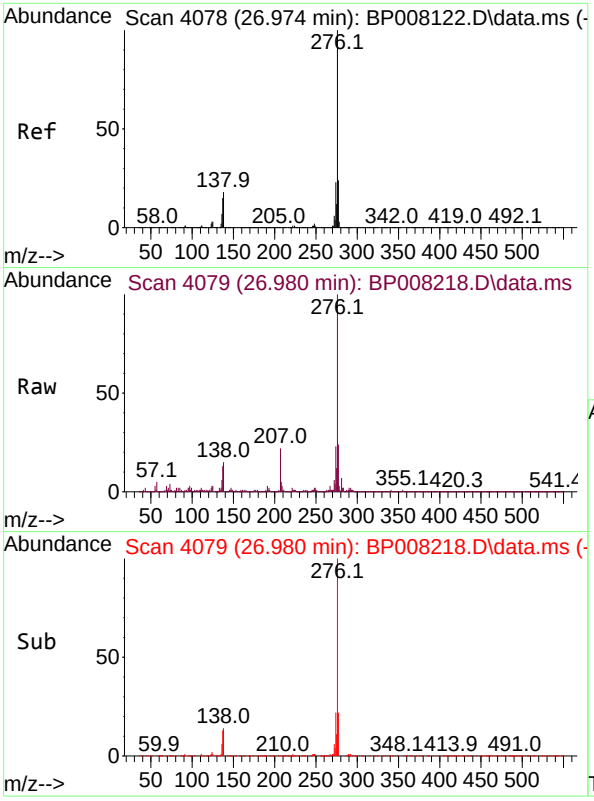


#91
Dibenzo(a,h)anthracene
Concen: 10.206 ng
RT: 26.215 min Scan# 3949
Delta R.T. -0.018 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Tgt Ion:278 Resp: 294628

Ion	Ratio	Lower	Upper
278	100		
139	15.8	10.8	16.2
279	26.3	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 33.560 ng
RT: 26.980 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP008218.D
Acq: 03 Dec 2021 22:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Tgt Ion:276 Resp: 977409

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.0	30.0
138	14.6	14.1	21.1