Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008920.D
Acq On : 25 Jan 2022 22:08
Operator : CG/JU
Sample : N1234-01DL 25X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Quant Time: Jan 26 02:00:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 26 01:52:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	404695	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	1479148	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	840128	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	1536834	20.000	ng		0.00
76) Chrysene-d12	21.333	240	1567048	20.000	ng		0.00
86) Perylene-d12	23.745	264	1748542	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	77533	2.963	ng		0.00
7) Phenol-d6	7.022	99	87668	2.766	ng		0.00
23) Nitrobenzene-d5	9.004	82	54326	2.085	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	31900	2.609	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	151152	2.373	ng		0.00
79) Terphenyl-d14	19.798	244	187135	2.016	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.687	128	536972	6.684	ng		99
33) 4-Chloroaniline	10.687	127	68907	2.105	ng	#	36
37) 2-Methylnaphthalene	12.304	142	420375	7.158	ng		98
38) 1-Methylnaphthalene	12.522	142	330859	6.138	ng		100
49) Acenaphthylene	14.198	152	1070331	13.442	ng		99
52) Acenaphthene	14.539	154	207342	4.390	ng		98
55) Dibenzofuran	14.875	168	680662	8.845	ng		97
56) 4-Nitrophenol	14.875	139	243820	26.017	ng	#	16
58) Fluorene	15.528	166	1265252	20.816	ng		100
71) Phenanthrene	17.281	178	7514303	86.842	ng		99
72) Anthracene	17.369	178	2090530	24.084	ng		100
73) Carbazole	17.645	167	345068	4.623	ng		99
75) Fluoranthene	19.257	202	8054393	83.704	ng		98
78) Pyrene	19.604	202	6830810	62.472	ng		100
81) Benzo(a)anthracene	21.316	228	3902564	37.018	ng		98
83) Chrysene	21.369	228	3415679	33.422	ng		98
87) Indeno(1,2,3-cd)pyrene	26.262	276	2002742	13.900	ng	#	95
88) Benzo(b)fluoranthene	23.015	252	4247550	36.375	ng		99
89) Benzo(k)fluoranthene	23.015	252	4247550	37.578	ng		99
90) Benzo(a)pyrene	23.645	252	3189571	28.299	ng		98
91) Dibenzo(a,h)anthracene	26.274	278	560408	4.574	ng	#	90
92) Benzo(g,h,i)perylene	27.045	276	1852880	15.490	ng		98

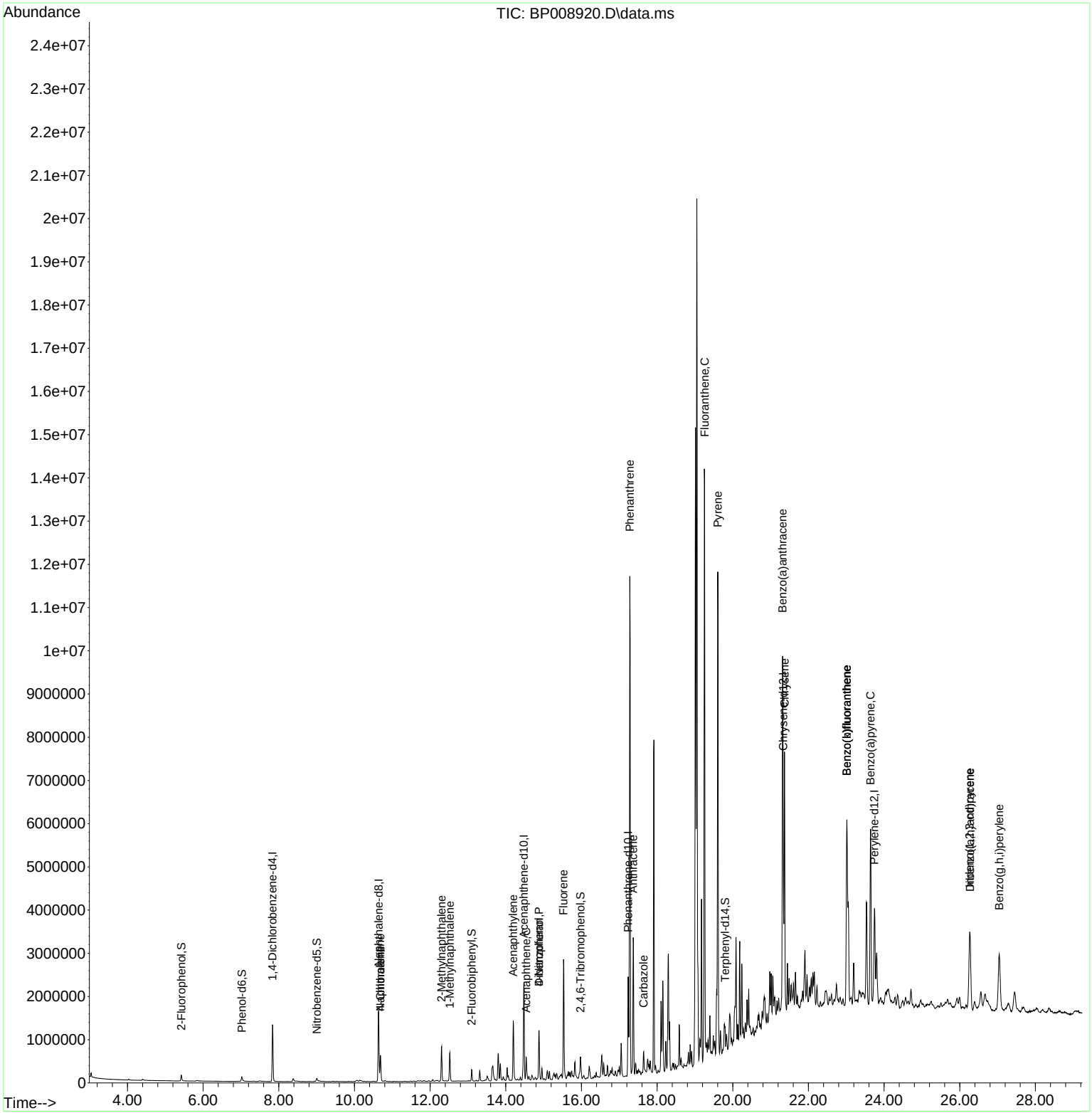
(#) = qualifier out of range (m) = manual integration (+) = signals summed

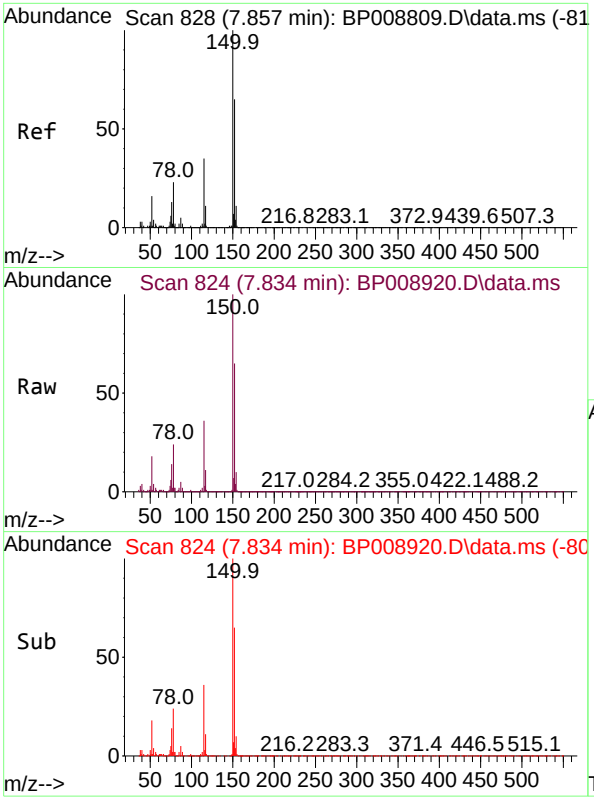
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008920.D
Acq On : 25 Jan 2022 22:08
Operator : CG/JU
Sample : N1234-01DL 25X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Quant Time: Jan 26 02:00:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 26 01:52:51 2022
Response via : Initial Calibration



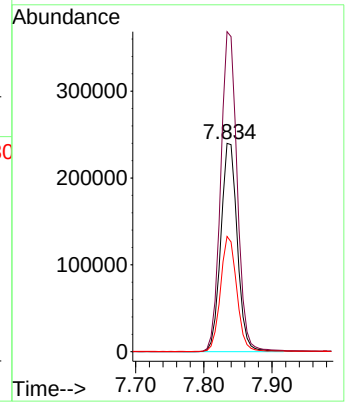


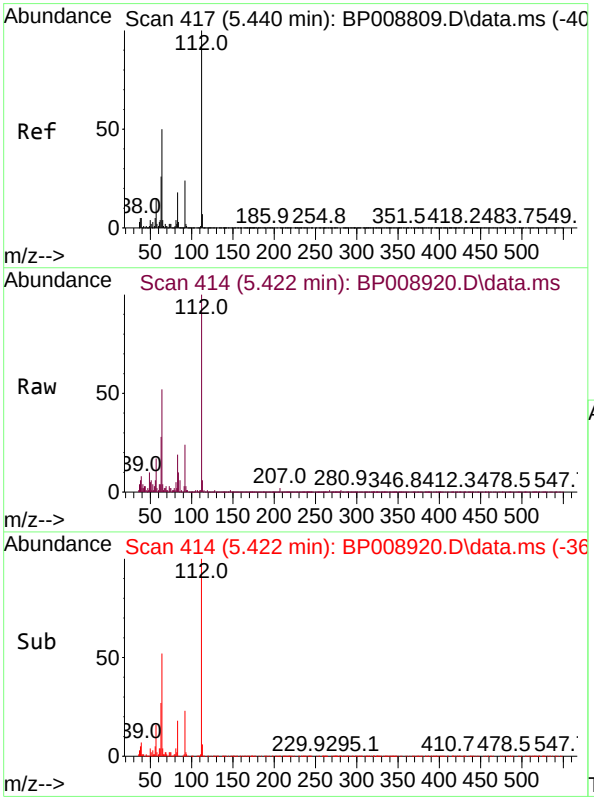
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:152 Resp: 404695

Ion	Ratio	Lower	Upper
152	100		
150	153.6	127.0	190.6
115	55.3	43.7	65.5

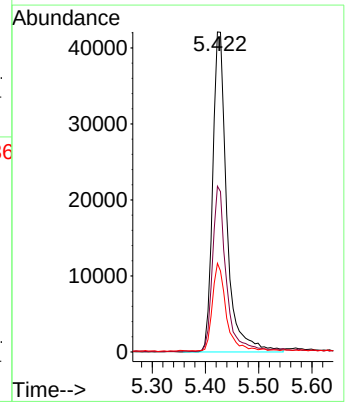


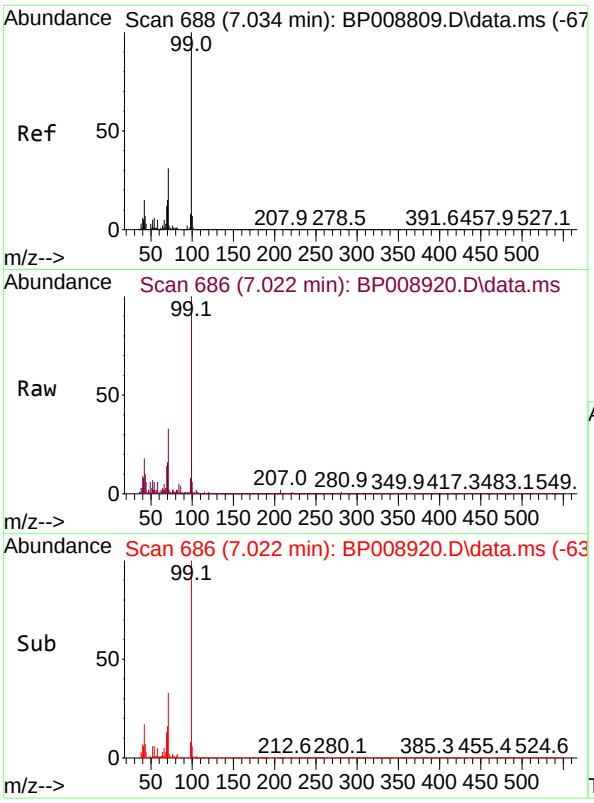


#5
2-Fluorophenol
Concen: 2.963 ng
RT: 5.422 min Scan# 414
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:112 Resp: 77533

Ion	Ratio	Lower	Upper
112	100		
64	51.8	39.7	59.5
63	27.7	20.0	30.0



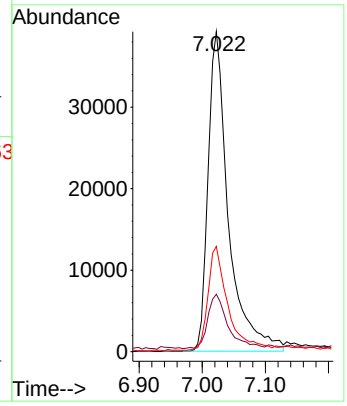


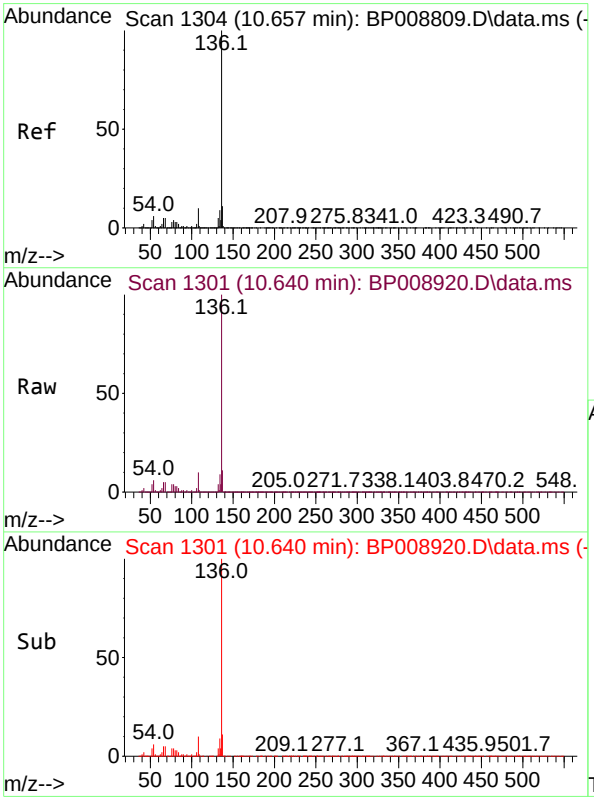
#7
Phenol-d6
Concen: 2.766 ng
RT: 7.022 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion: 99 Resp: 87668

Ion	Ratio	Lower	Upper
99	100		
42	17.9	10.8	16.2#
71	32.9	23.8	35.6

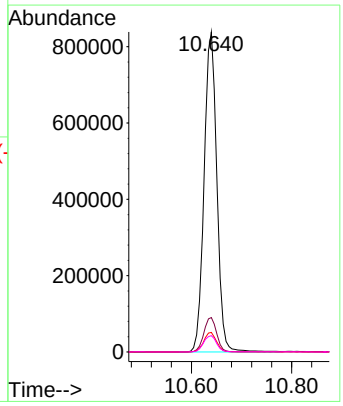


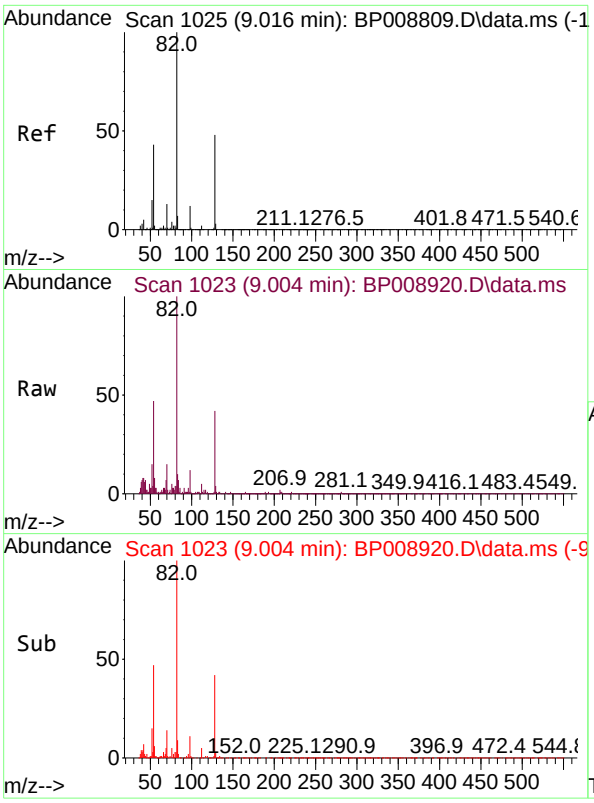


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:136 Resp: 1479148

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.1	4.9	7.3
68	5.1	4.3	6.5



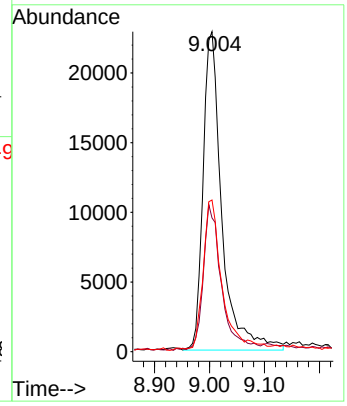


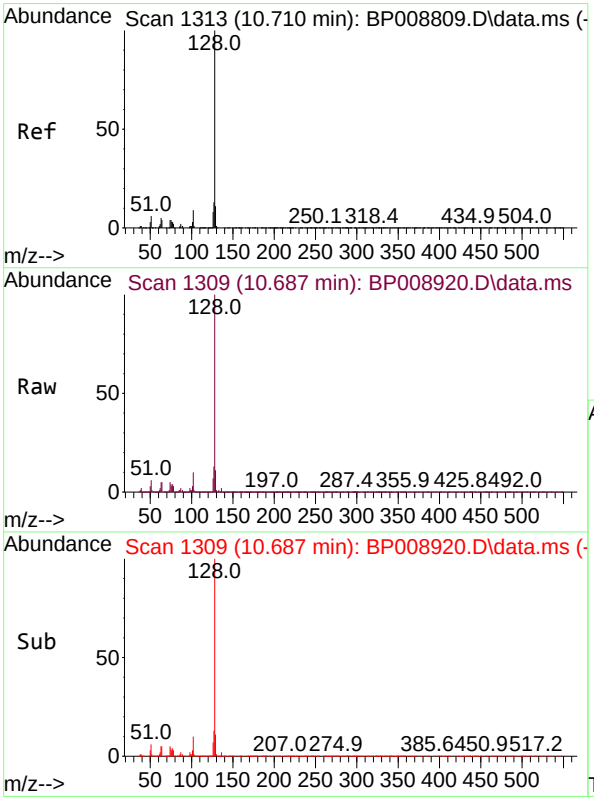
#23
Nitrobenzene-d5
Concen: 2.085 ng
RT: 9.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion: 82 Resp: 54326

Ion	Ratio	Lower	Upper
82	100		
128	41.8	39.4	59.2
54	47.4	32.6	48.8

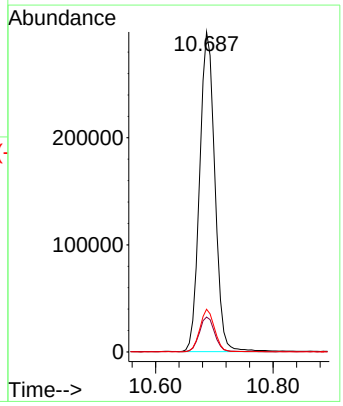


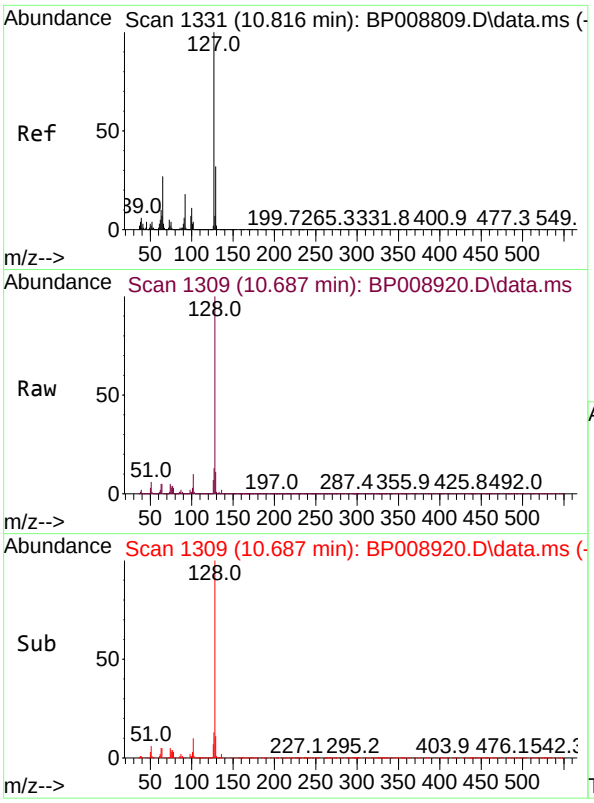


#31
Naphthalene
Concen: 6.684 ng
RT: 10.687 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:128 Resp: 536972

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.3	10.4	15.6



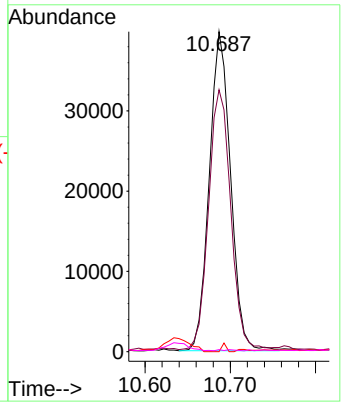


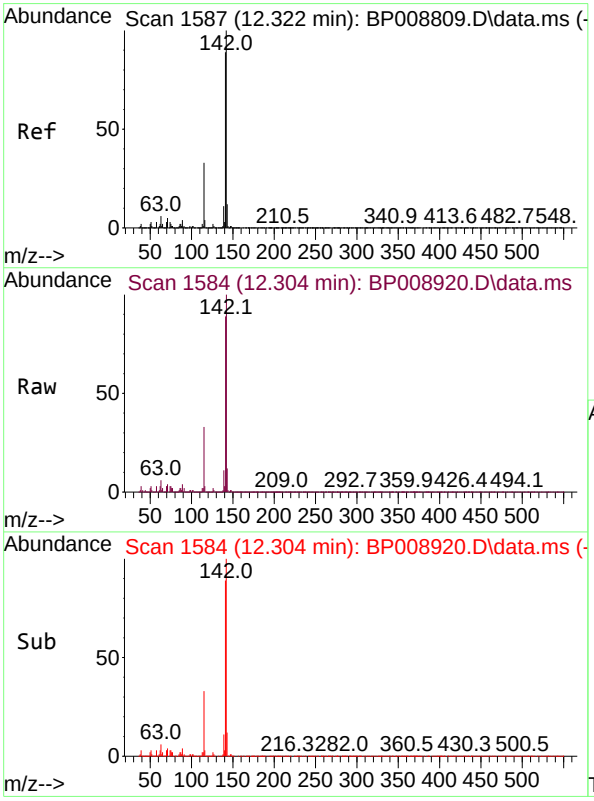
#33
4-Chloroaniline
Concen: 2.105 ng
RT: 10.687 min Scan# 1
Delta R.T. -0.118 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:127 Resp: 68907

Ion	Ratio	Lower	Upper
127	100		
129	81.9	26.0	39.0#
65	0.0	20.5	30.7#
92	0.7	14.1	21.1#

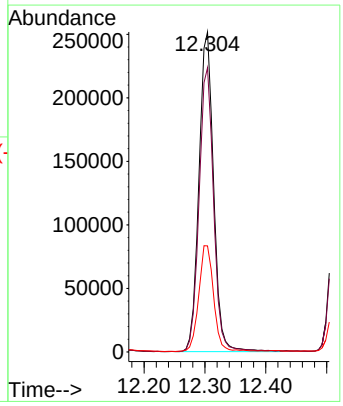


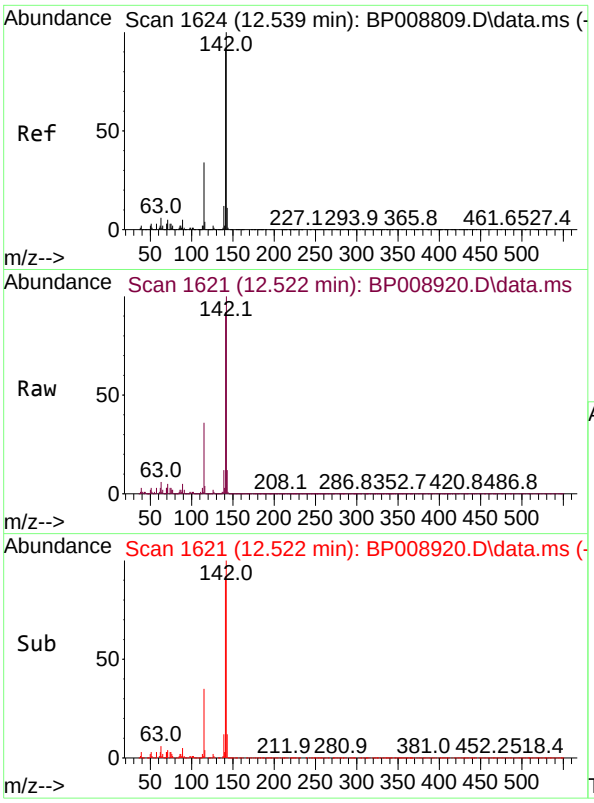


#37
2-Methylnaphthalene
Concen: 7.158 ng
RT: 12.304 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:142 Resp: 420375

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.5	105.7
115	33.1	24.6	36.8



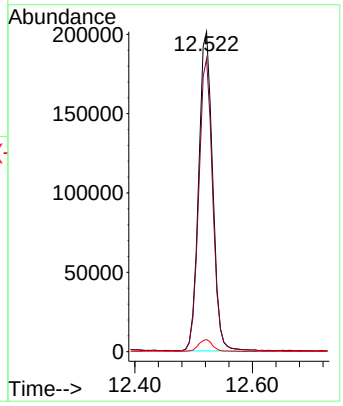


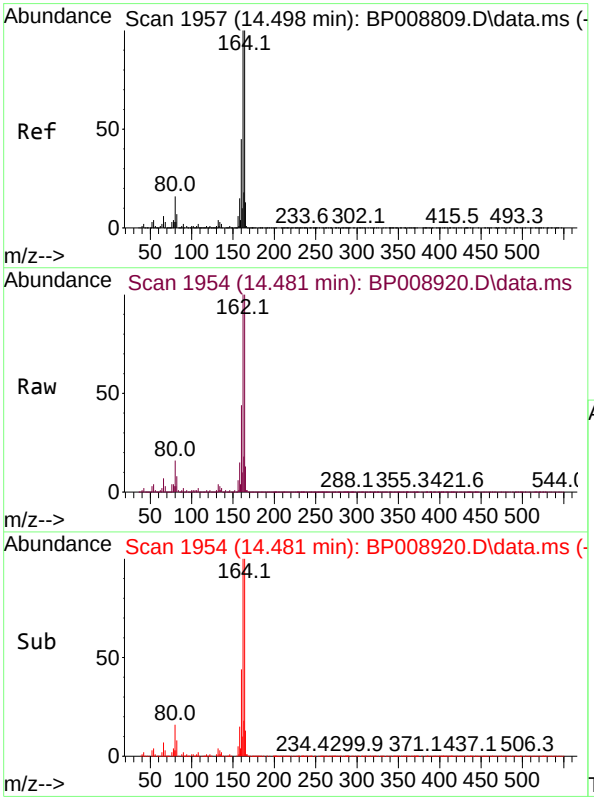
#38
1-Methylnaphthalene
Concen: 6.138 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:142 Resp: 330859

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8
116	3.8	2.7	4.1

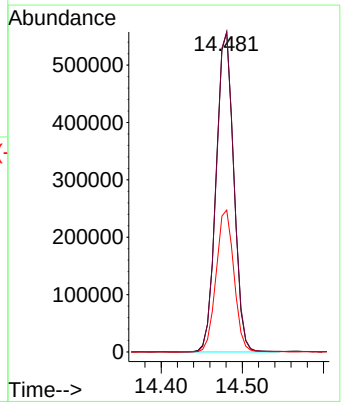


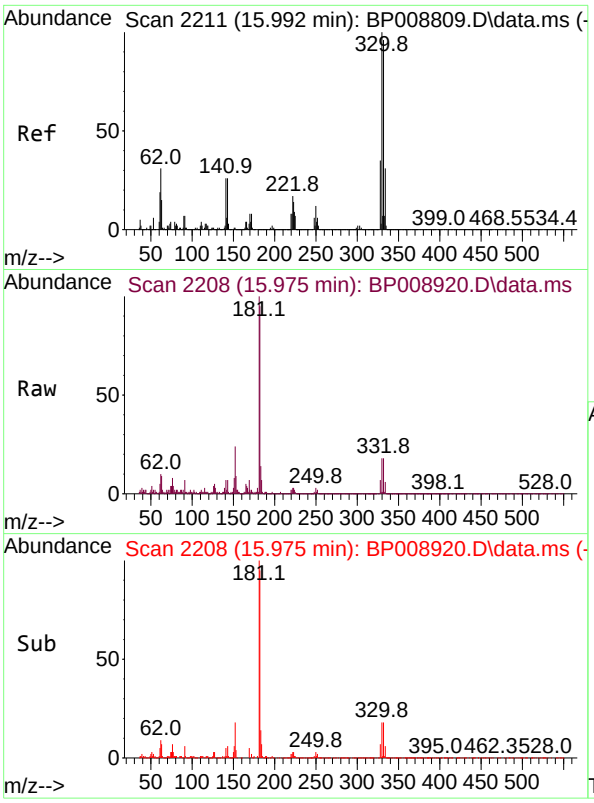


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:164 Resp: 840128

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.9	119.9
160	44.4	35.5	53.3



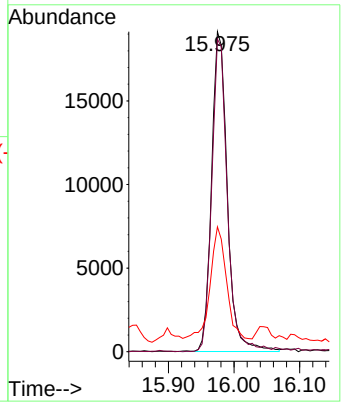


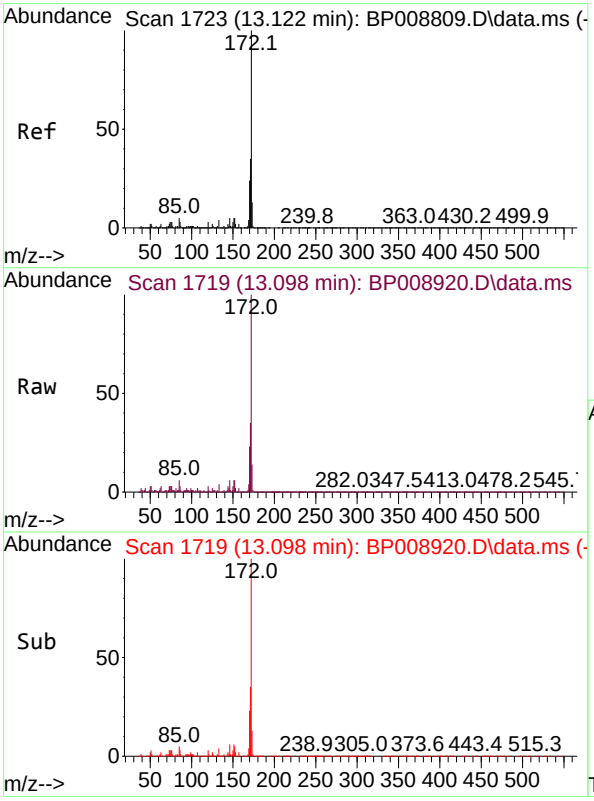
#42
2,4,6-Tribromophenol
Concen: 2.609 ng
RT: 15.975 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:330 Resp: 31900

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.4
141	35.6	21.3	31.9#

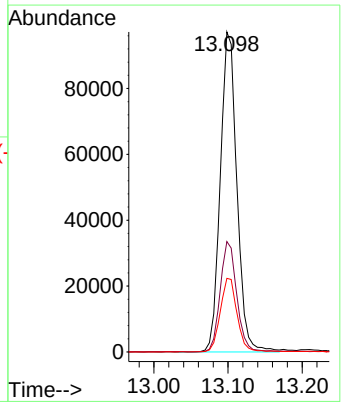


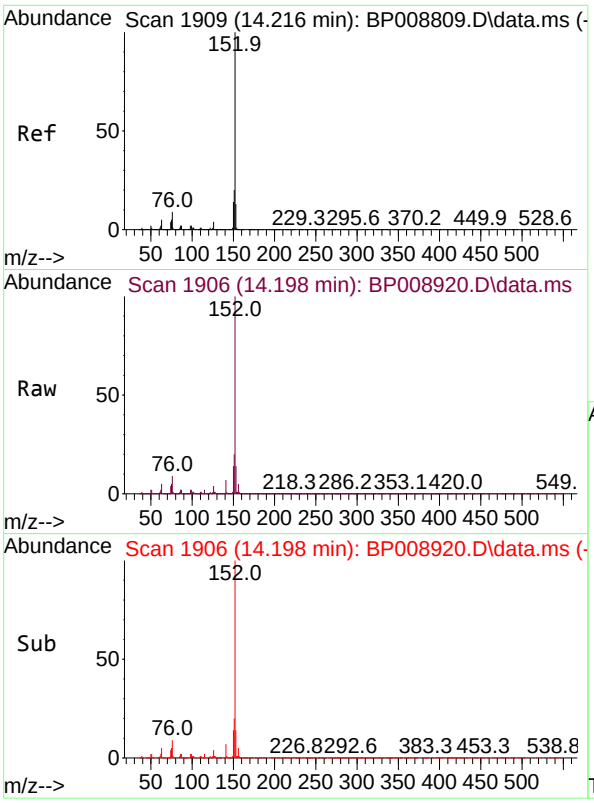


#45
2-Fluorobiphenyl
Concen: 2.373 ng
RT: 13.098 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:172 Resp: 151152

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.3	43.9
170	23.0	19.5	29.3



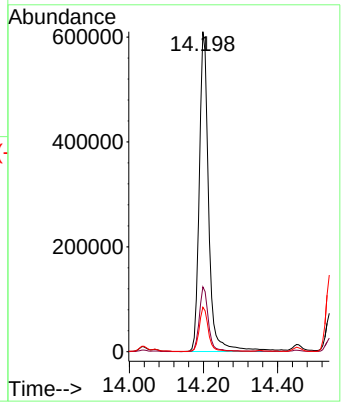


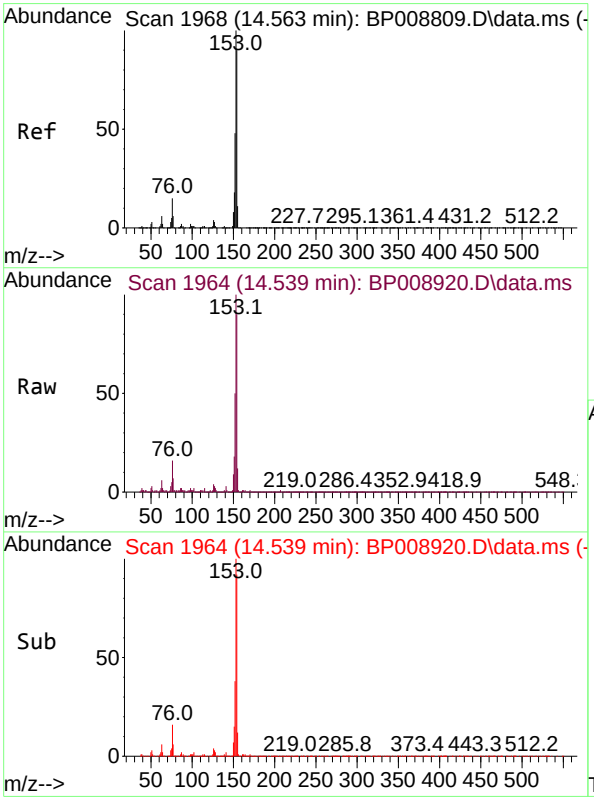
#49
Acenaphthylene
Concen: 13.442 ng
RT: 14.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:152 Resp: 1070331

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.9	10.6	16.0

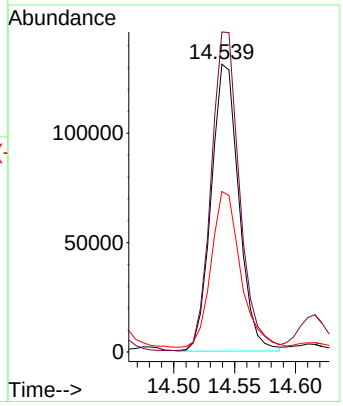


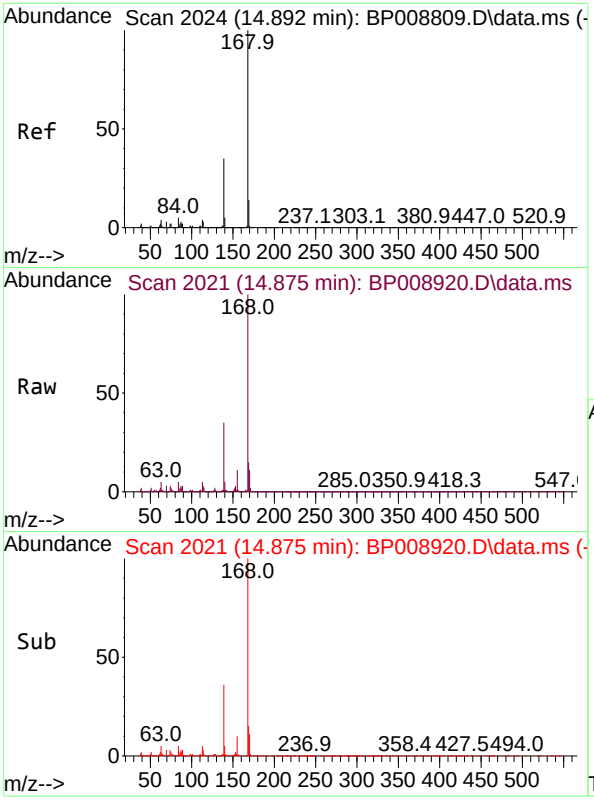


#52
Acenaphthene
Concen: 4.390 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:154 Resp: 207342

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.4	134.2
152	55.8	42.6	63.8



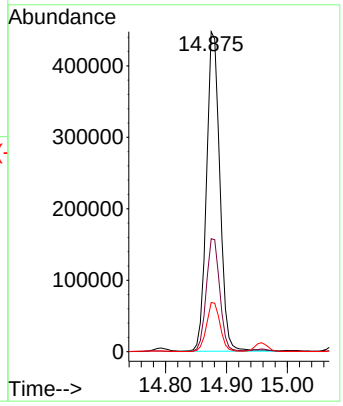


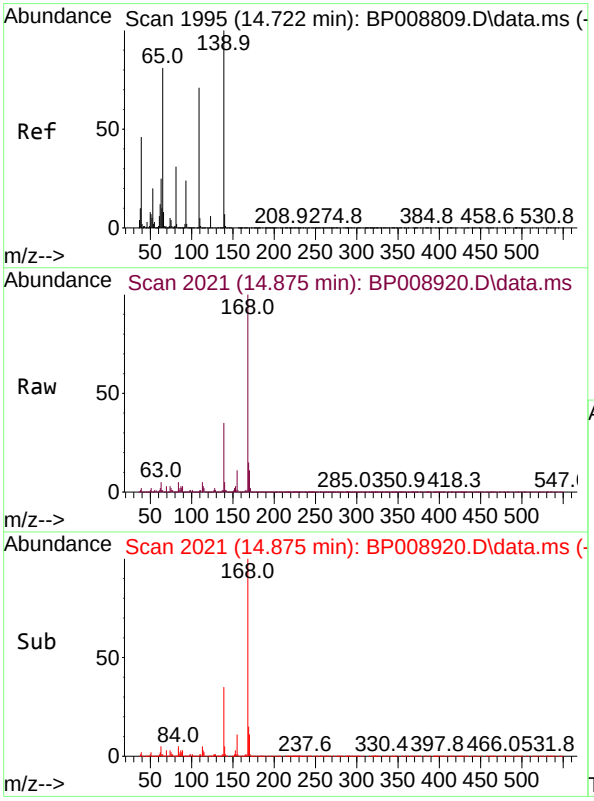
#55
Dibenzofuran
Concen: 8.845 ng
RT: 14.875 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:168 Resp: 680662

Ion	Ratio	Lower	Upper
168	100		
139	35.3	27.4	41.0
169	15.3	10.9	16.3

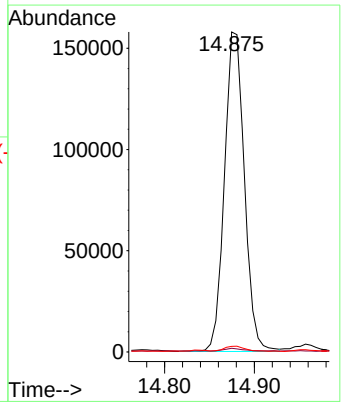


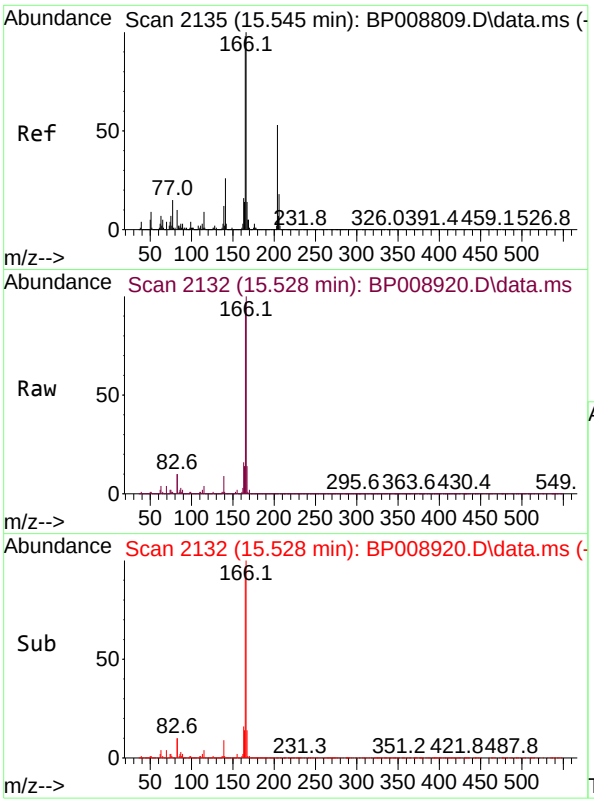


#56
4-Nitrophenol
Concen: 26.017 ng
RT: 14.875 min Scan# 2021
Delta R.T. 0.159 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:139 Resp: 243820

Ion	Ratio	Lower	Upper
139	100		
109	1.2	42.2	82.2#
65	1.8	57.3	97.3#



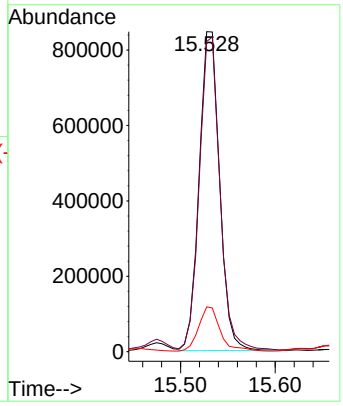


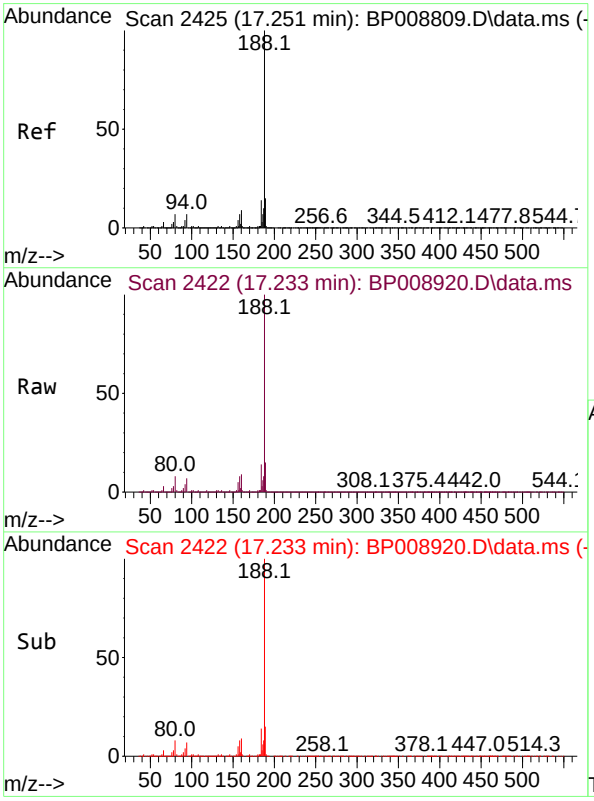
#58
Fluorene
Concen: 20.816 ng
RT: 15.528 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:166 Resp: 1265252

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.2	115.8
167	14.0	11.2	16.8

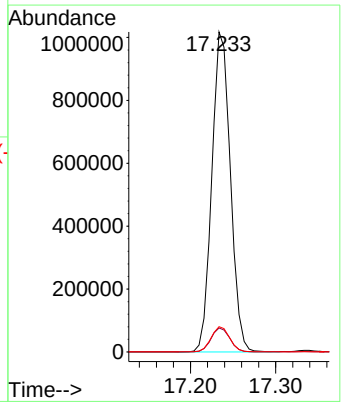


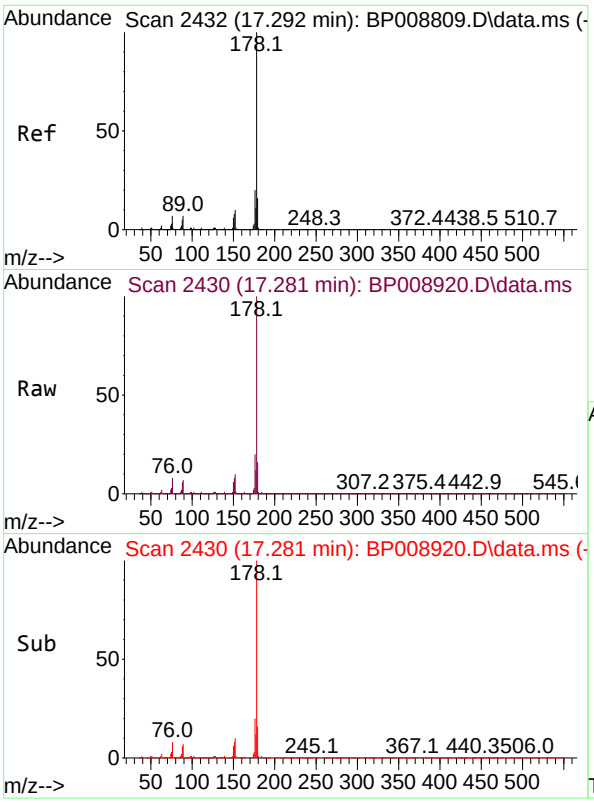


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:188 Resp: 1536834

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.8	10.2
80	7.9	7.2	10.8



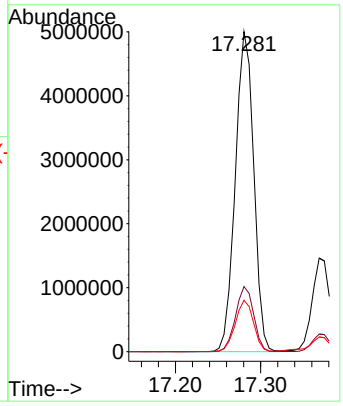


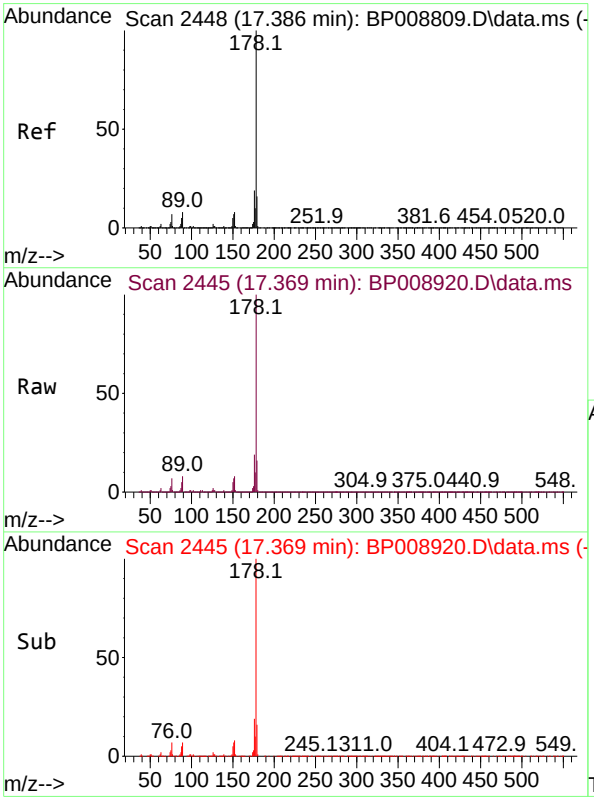
#71
Phenanthrene
Concen: 86.842 ng
RT: 17.281 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:178 Resp: 7514303

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.0	13.0	19.4

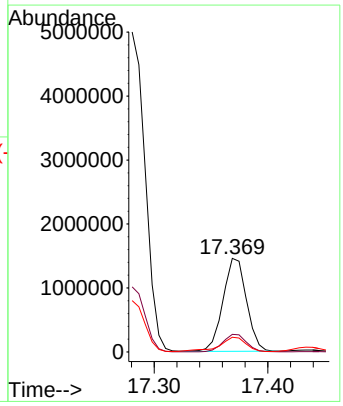


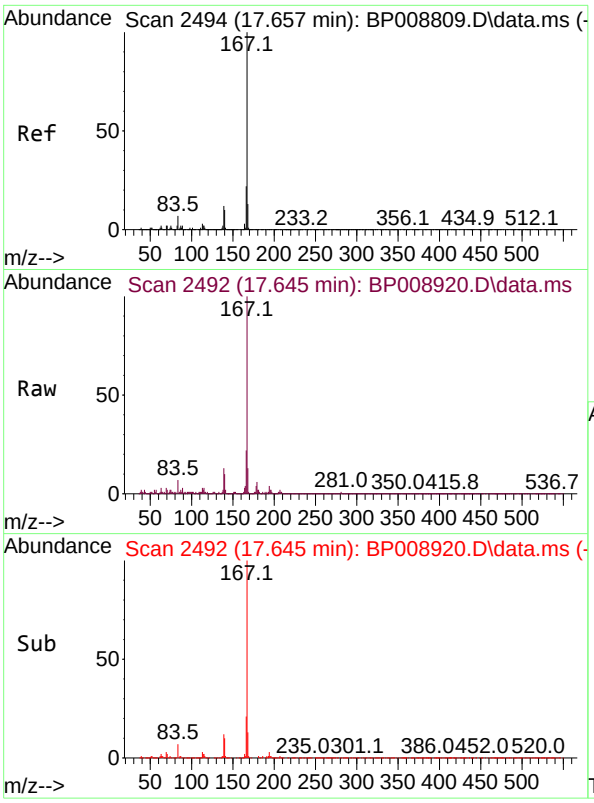


#72
Anthracene
Concen: 24.084 ng
RT: 17.369 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:178 Resp: 2090530

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.7	12.8	19.2



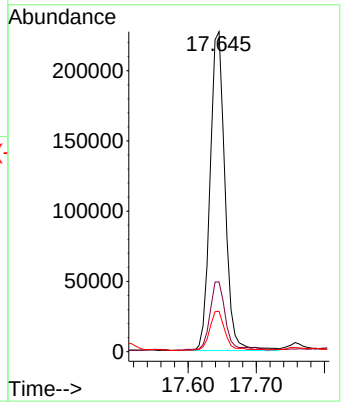


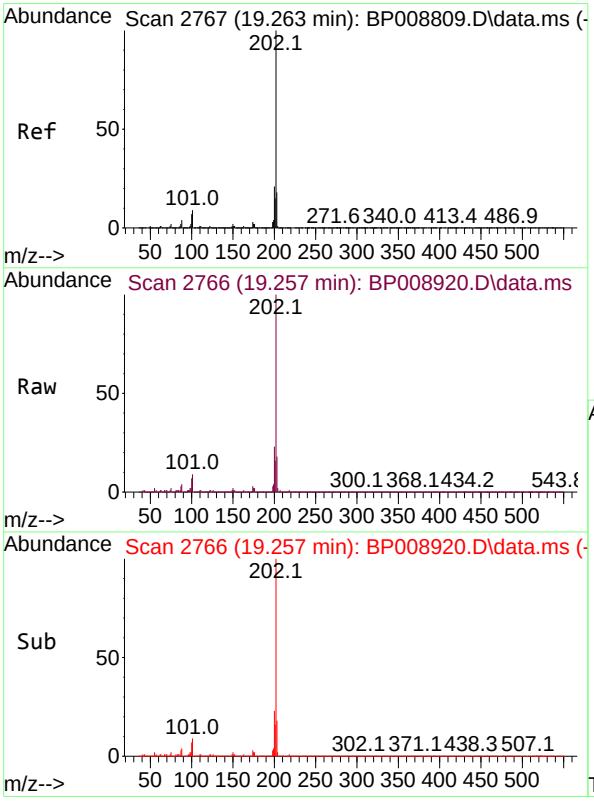
#73
Carbazole
Concen: 4.623 ng
RT: 17.645 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:167 Resp: 345068

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	12.6	9.8	14.6

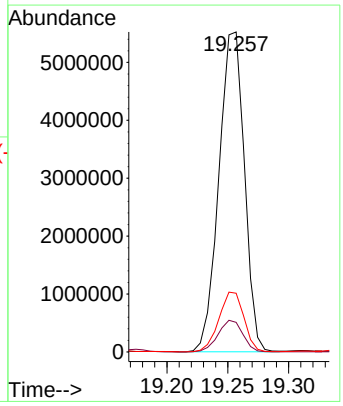


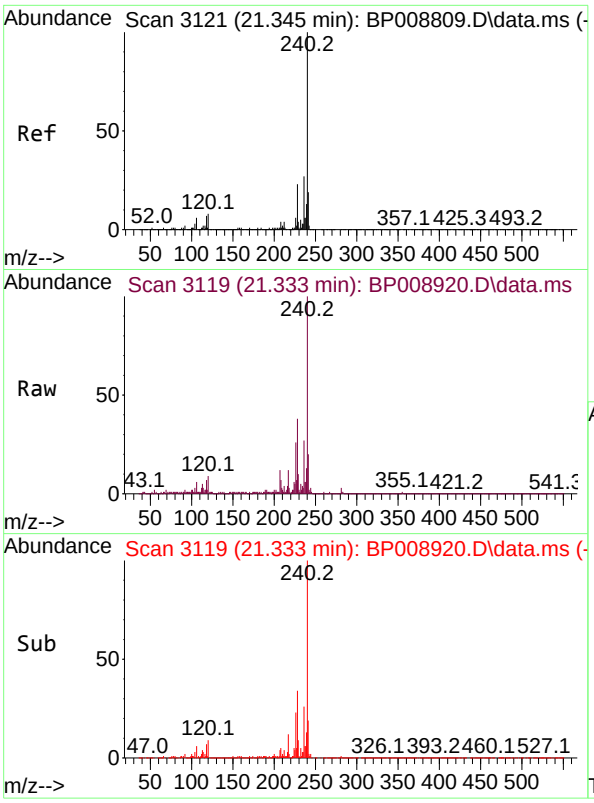


#75
Fluoranthene
Concen: 83.704 ng
RT: 19.257 min Scan# 2766
Delta R.T. 0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:202 Resp: 8054393

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.7
203	18.4	0.0	38.9



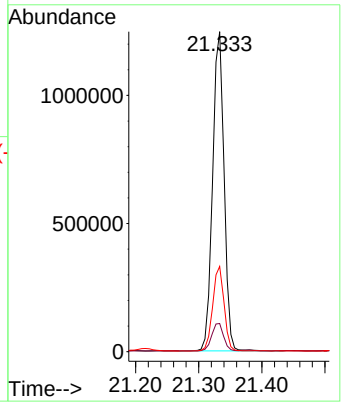


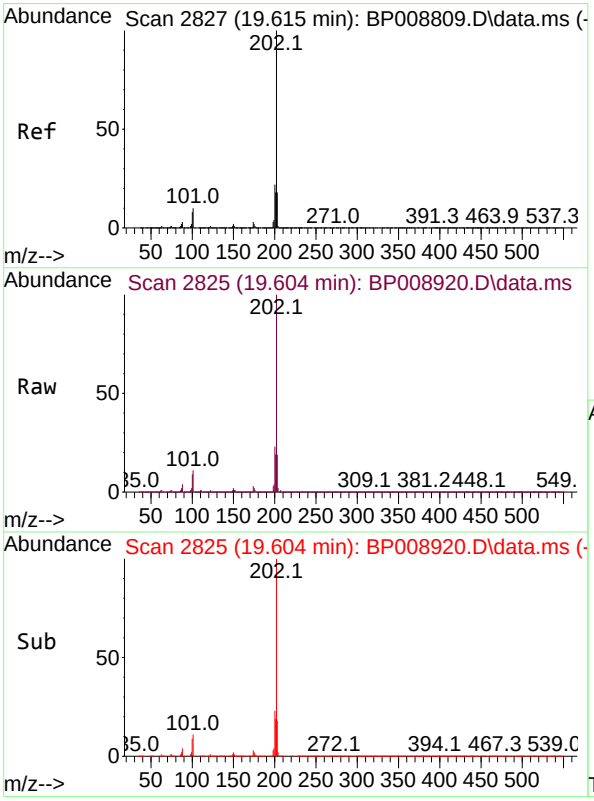
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:240 Resp: 1567048

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.7	11.5
236	26.7	21.2	31.8

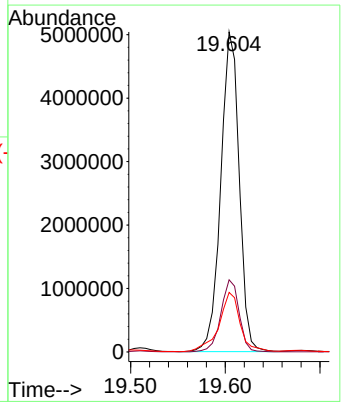


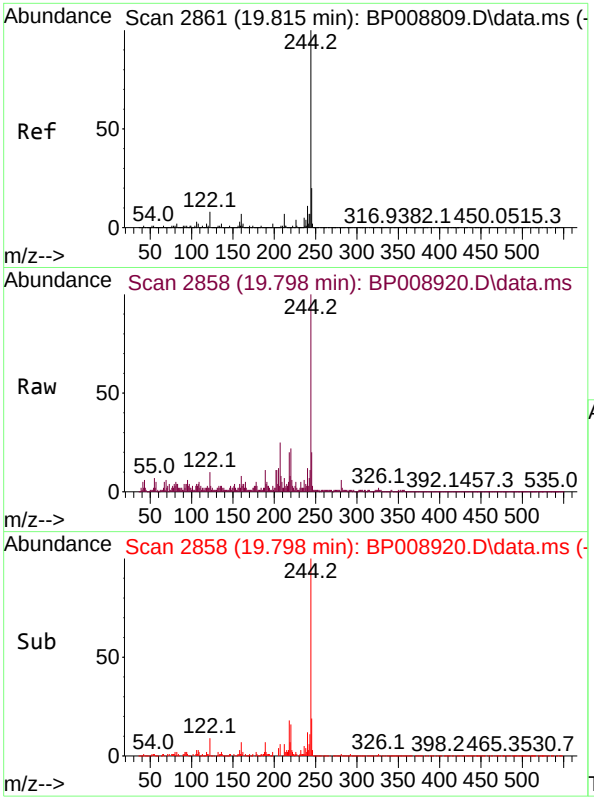


#78
Pyrene
Concen: 62.472 ng
RT: 19.604 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:202 Resp: 6830810

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.0	27.0
203	18.6	15.0	22.6



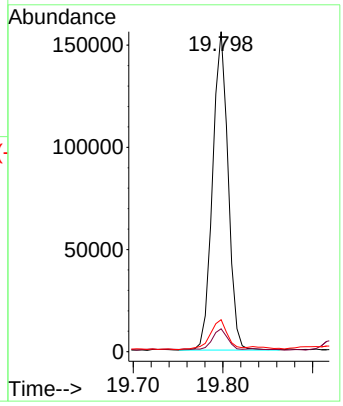


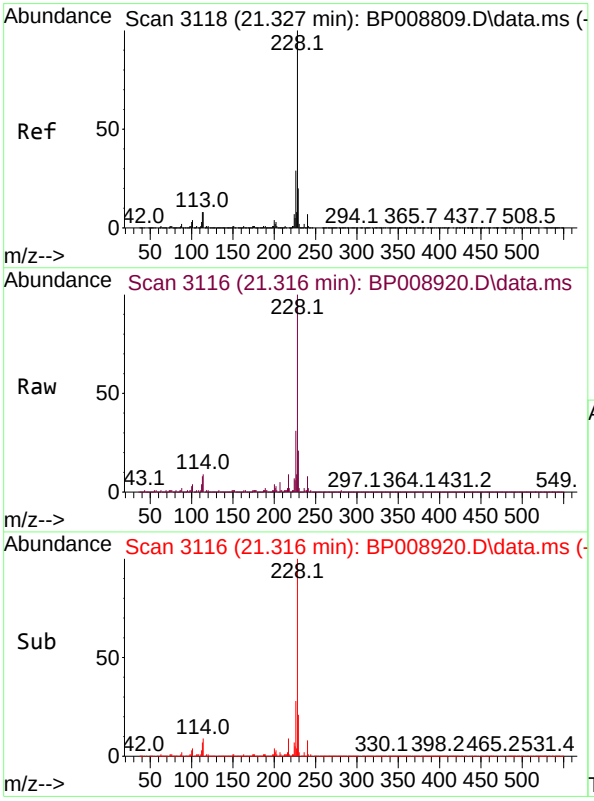
#79
Terphenyl-d14
Concen: 2.016 ng
RT: 19.798 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:244 Resp: 187135

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	10.0	9.2	13.8

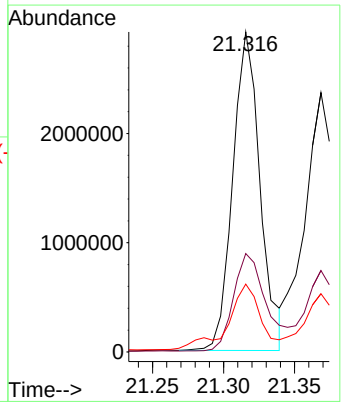


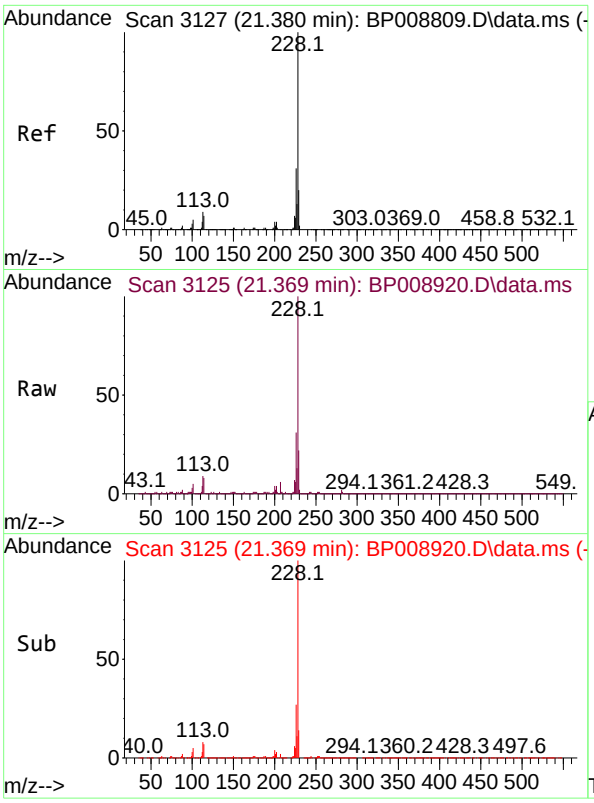


#81
Benzo(a)anthracene
Concen: 37.018 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:228 Resp: 3902564

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.3	34.9
229	21.2	17.0	25.6



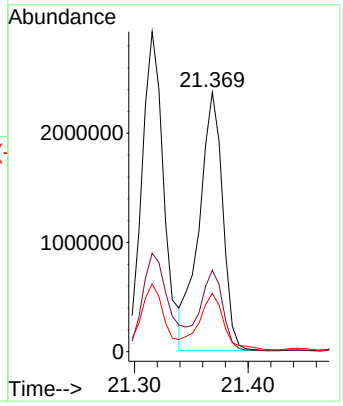


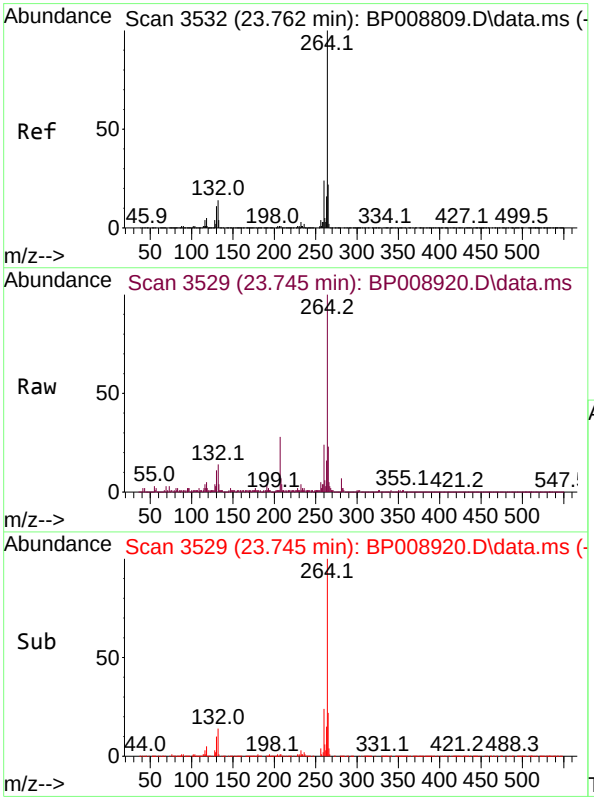
#83
Chrysene
Concen: 33.422 ng
RT: 21.369 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:228 Resp: 3415679

Ion	Ratio	Lower	Upper
228	100		
226	31.4	26.0	39.0
229	22.4	16.9	25.3

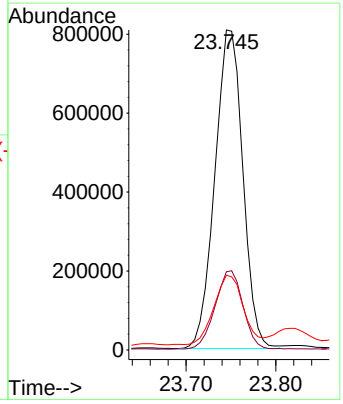


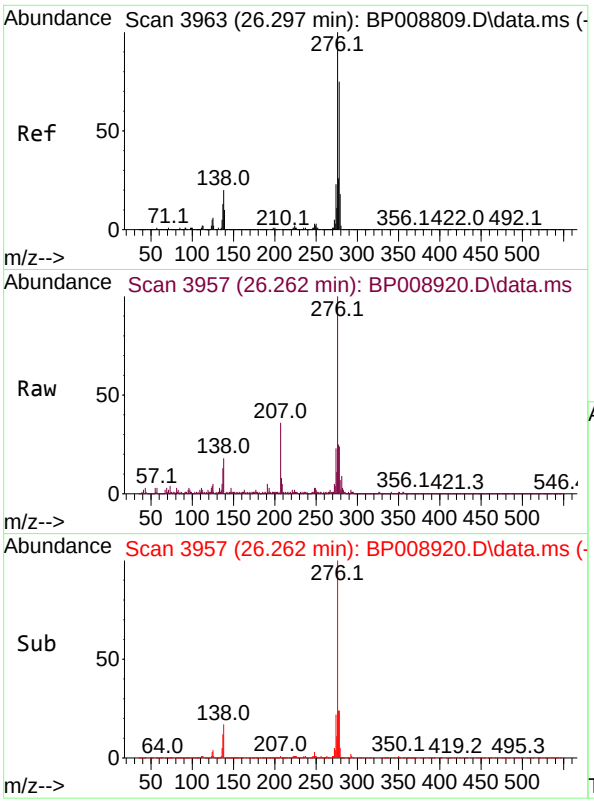


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.745 min Scan# 3529
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:264 Resp: 1748542

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	23.4	17.1	25.7



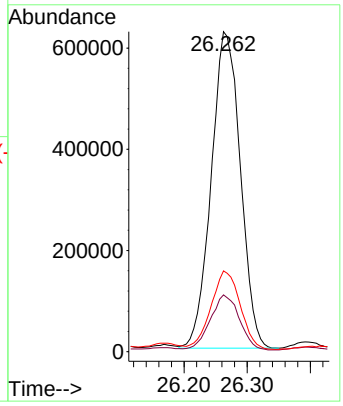


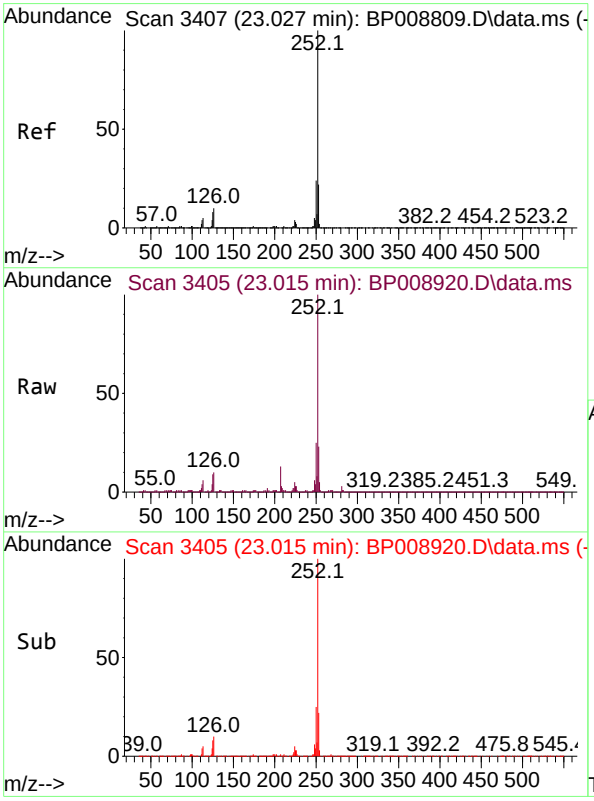
#87
Indeno(1,2,3-cd)pyrene
Concen: 13.900 ng
RT: 26.262 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:276 Resp: 2002742

Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.8	26.6#
277	24.9	20.4	30.6

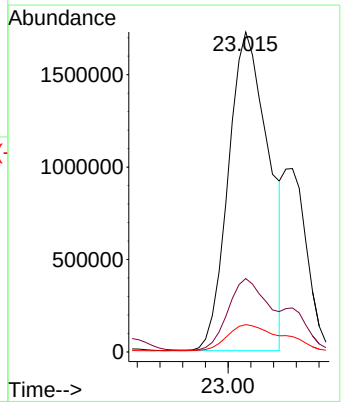


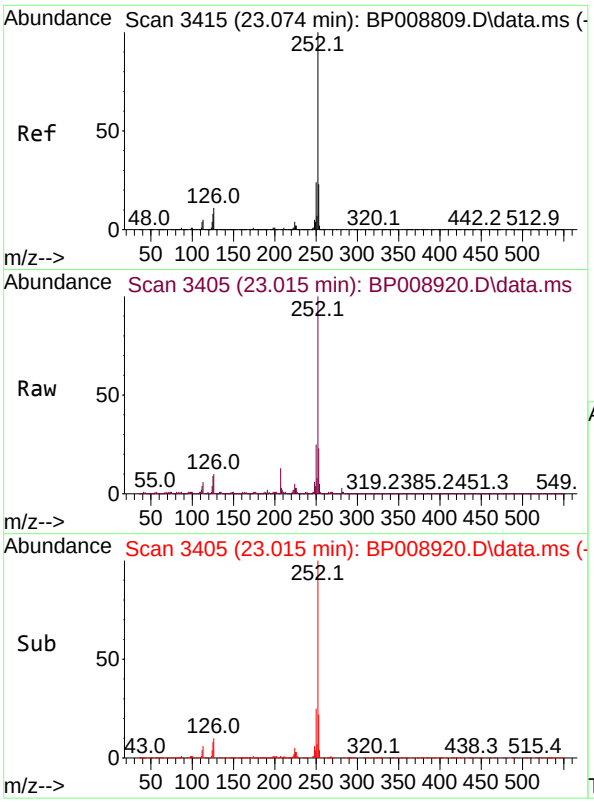


#88
Benzo(b)fluoranthene
Concen: 36.375 ng
RT: 23.015 min Scan# 3405
Delta R.T. -0.000 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:252 Resp: 4247550

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	8.5	6.9	10.3



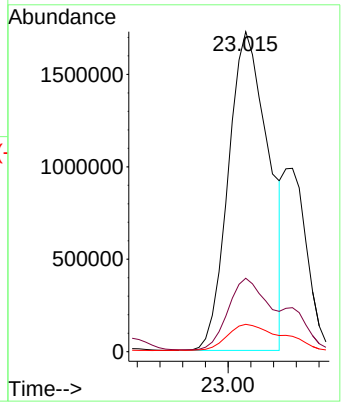


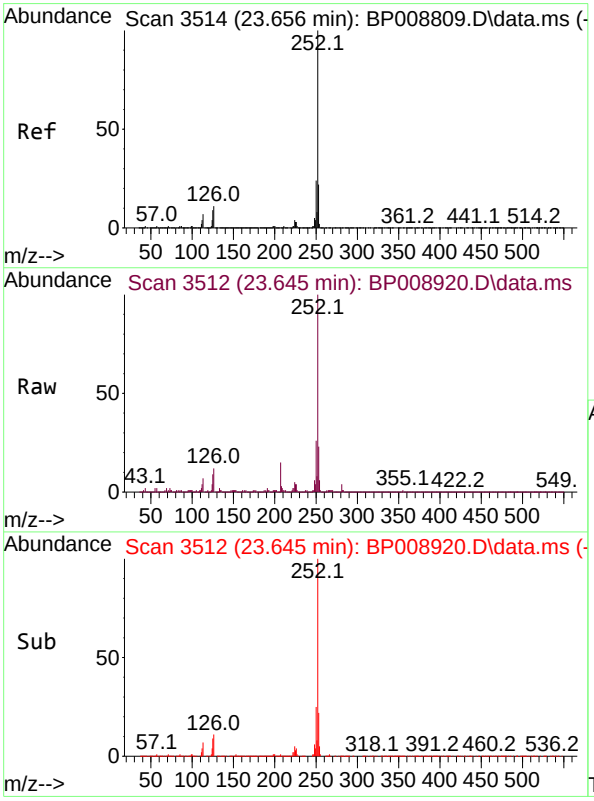
#89
Benzo(k)fluoranthene
Concen: 37.578 ng
RT: 23.015 min Scan# 3
Delta R.T. -0.047 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:252 Resp: 4247550

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	8.5	7.3	10.9

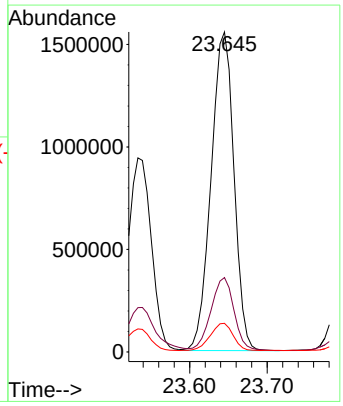


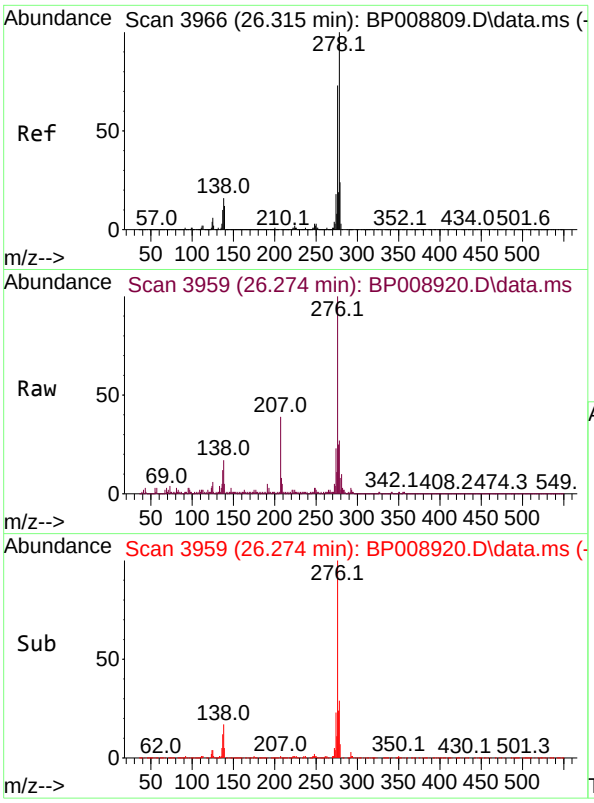


#90
Benzo(a)pyrene
Concen: 28.299 ng
RT: 23.645 min Scan# 3512
Delta R.T. -0.000 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:252 Resp: 3189571

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	9.0	7.8	11.6



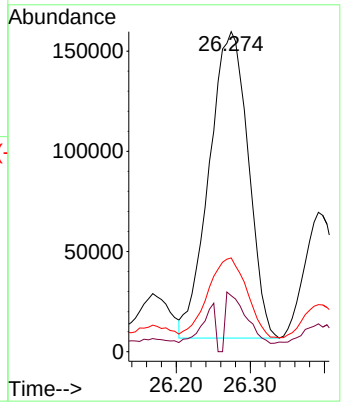


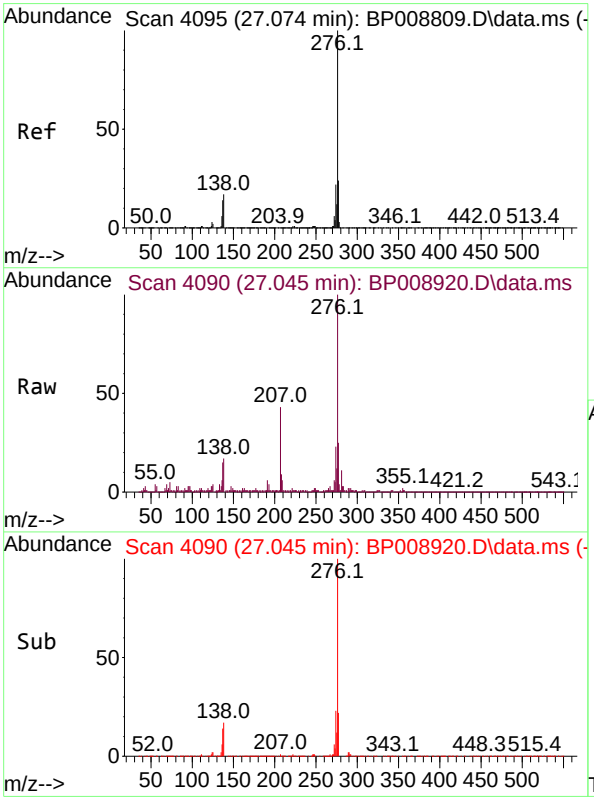
#91
Dibenzo(a,h)anthracene
Concen: 4.574 ng
RT: 26.274 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022DL

Tgt Ion:278 Resp: 560408

Ion	Ratio	Lower	Upper
278	100		
139	17.5	11.5	17.3#
279	29.3	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 15.490 ng
RT: 27.045 min Scan# 4090
Delta R.T. -0.006 min
Lab File: BP008920.D
Acq: 25 Jan 2022 22:08

Tgt Ion:276 Resp: 1852880

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	17.4	15.0	22.4