Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
Data File : BP021528.D
Acq On : 16 Aug 2024 01:07
Operator : RC/JU
Sample : P3579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Quant Time: Aug 16 01:36:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	499803	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	2063907	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1266059	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	2320285	20.000	ng	0.00
76) Chrysene-d12	21.715	240	1706623	20.000	ng	0.02
86) Perylene-d12	25.168	264	2084937	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	3055120	90.764	ng	0.01
7) Phenol-d6	6.969	99	4380720	89.217	ng	0.00
23) Nitrobenzene-d5	8.951	82	2666086	66.675	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1274744	90.467	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	4438535	53.504	ng	0.00
79) Terphenyl-d14	19.974	244	4419760	50.312	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.675	139	140	Below Cal	#	1
32) Benzoic acid	9.875	122	433	3.359	ng #	49
35) Caprolactam	11.481	113	50412	4.397	ng #	53
48) 2-Nitroaniline	13.498	65	569	5.173	ng #	58
49) Acenaphthylene	14.169	152	1555239	15.171	ng	100
51) 2,6-Dinitrotoluene	14.122	165	385	4.006	ng	89
53) 3-Nitroaniline	14.357	138	408	3.991	ng #	58
54) 2,4-Dinitrophenol	14.551	184	264	2.515	ng #	1
56) 4-Nitrophenol	14.680	139	5393	5.438	ng #	23
57) 2,4-Dinitrotoluene	14.816	165	1055	5.066	ng #	59
62) 4-Nitroaniline	15.451	138	1736	3.029	ng	88
65) 4,6-Dinitro-2-methylph...	15.569	198	225	4.648	ng #	1
71) Phenanthrene	17.298	178	3017771	27.044	ng	99
72) Anthracene	17.398	178	1684413	15.392	ng	99
75) Fluoranthene	19.386	202	8297825	60.605	ng	99
77) Benzidine	19.562	184	20895	4.972	ng #	1
78) Pyrene	19.762	202	7427491	66.586	ng	98
80) Butylbenzylphthalate	20.709	149	5409	3.721	ng #	24
81) Benzo(a)anthracene	21.768	228	4810936	44.905	ng	94
83) Chrysene	21.768	228	4810936	47.562	ng	98
85) Di-n-octyl phthalate	22.956	149	17823	4.980	ng #	62
87) Indeno(1,2,3-cd)pyrene	29.091	276	1873087	13.859	ng #	76
88) Benzo(b)fluoranthene	24.062	252	6449297	53.860	ng	98
89) Benzo(k)fluoranthene	24.133	252	2082933	17.832	ng	95
90) Benzo(a)pyrene	24.992	252	4501281	43.318	ng	96
91) Dibenzo(a,h)anthracene	29.144	278	338397	3.014	ng #	83
92) Benzo(g,h,i)perylene	30.303	276	2894174	25.715	ng	99

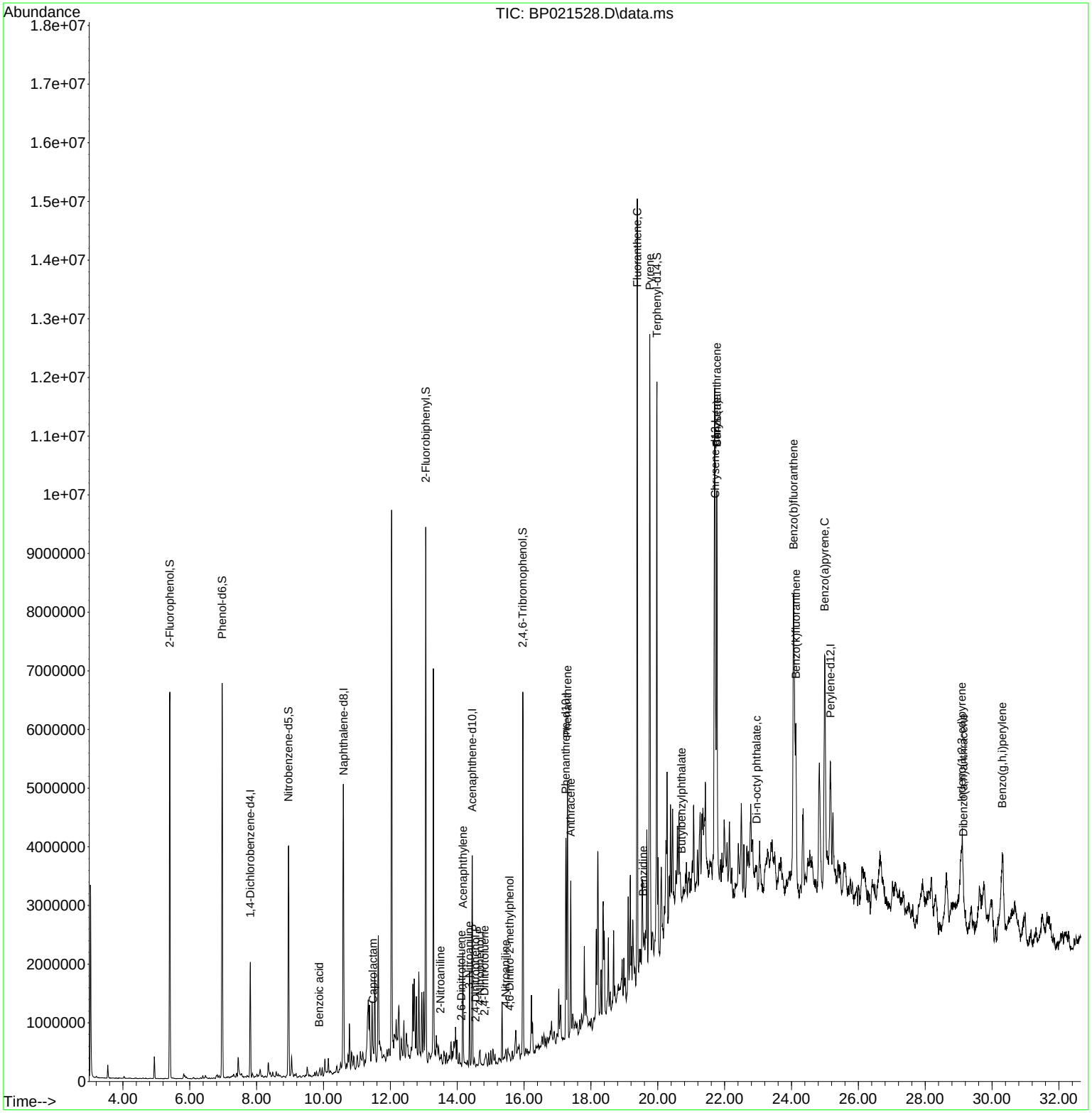
(#) = qualifier out of range (m) = manual integration (+) = signals summed

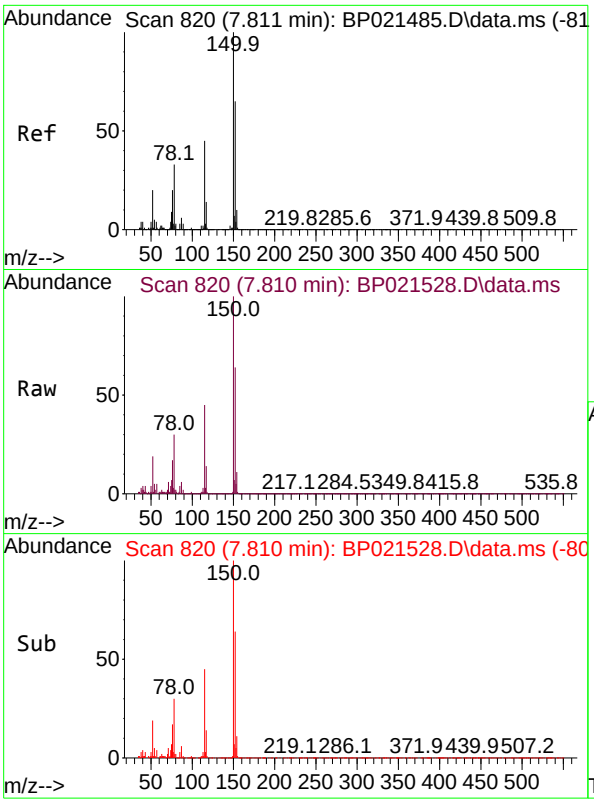
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
Data File : BP021528.D
Acq On : 16 Aug 2024 01:07
Operator : RC/JU
Sample : P3579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Quant Time: Aug 16 01:36:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration



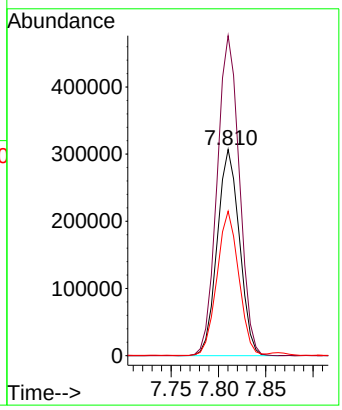


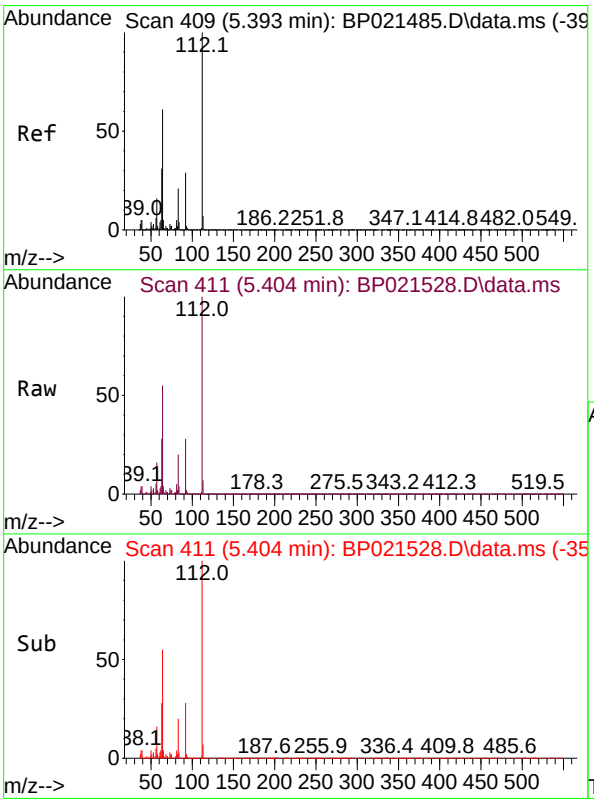
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 8
Delta R.T. -0.001 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:152 Resp: 499803

Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.4	183.6
115	70.0	54.7	82.1

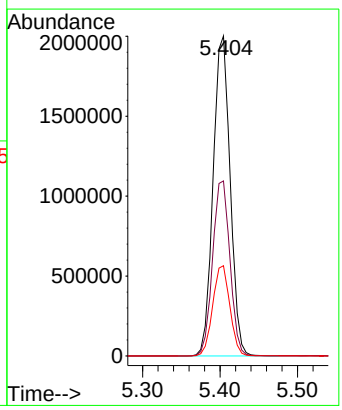


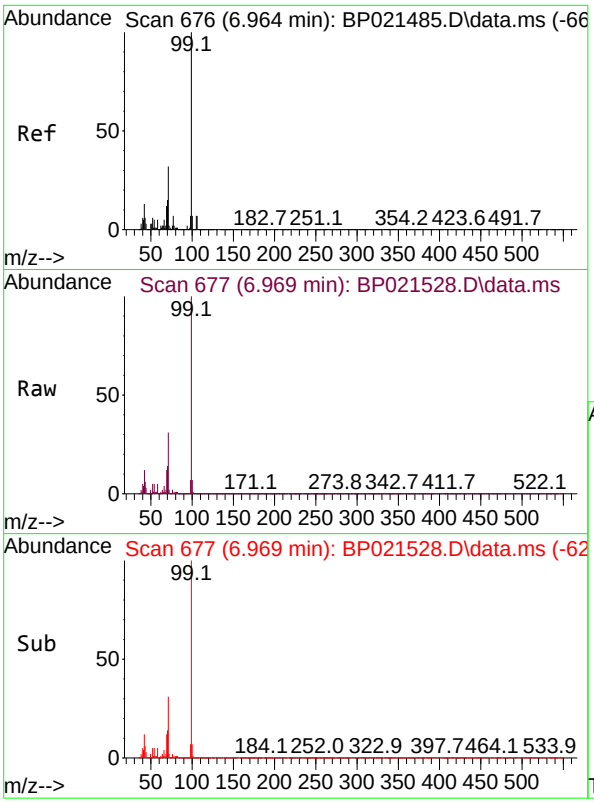


#5
2-Fluorophenol
Concen: 90.764 ng
RT: 5.404 min Scan# 411
Delta R.T. 0.011 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:112 Resp: 3055120

Ion	Ratio	Lower	Upper
112	100		
64	54.7	49.0	73.6
63	28.2	24.6	36.8



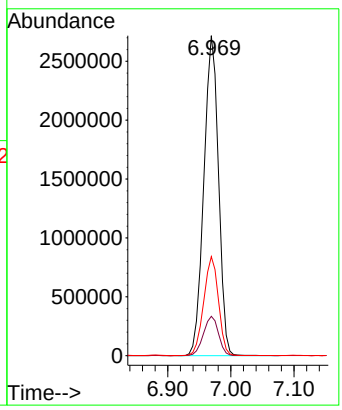


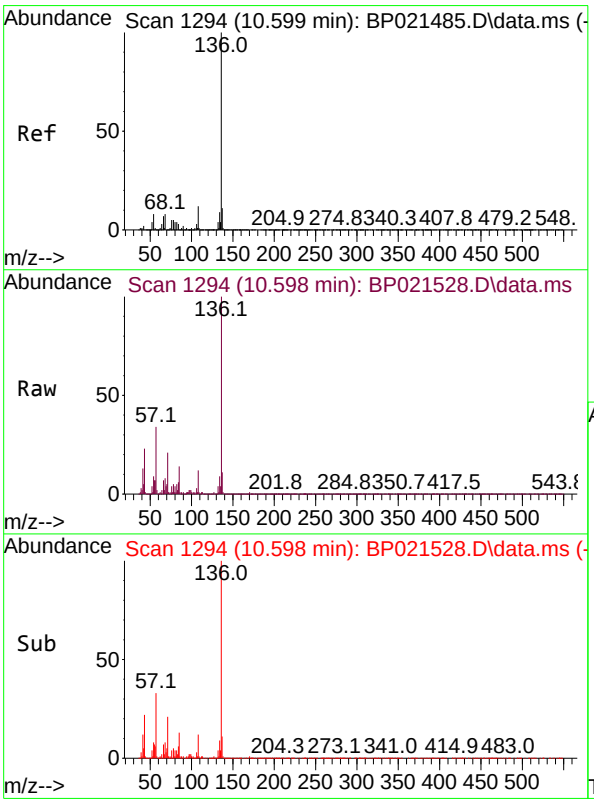
#7
Phenol-d6
Concen: 89.217 ng
RT: 6.969 min Scan# 6
Delta R.T. 0.005 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion: 99 Resp: 4380720

Ion	Ratio	Lower	Upper
99	100		
42	12.3	10.2	15.4
71	30.9	25.8	38.8

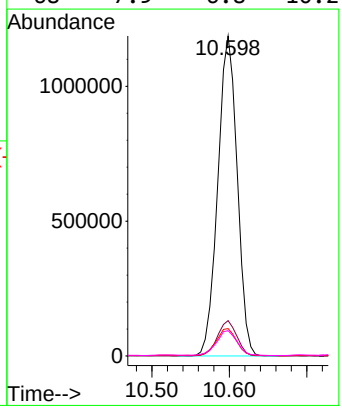


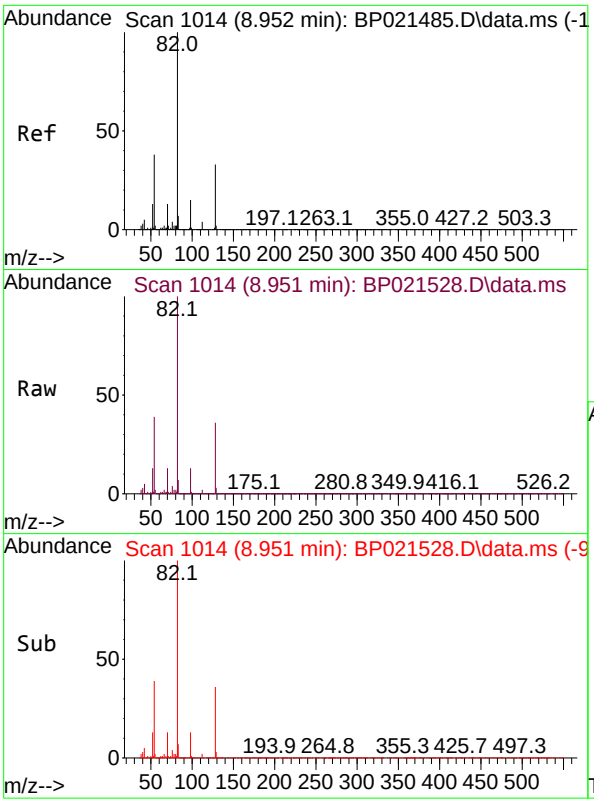


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1294
Delta R.T. -0.001 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:136 Resp: 2063907

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.6	6.3	9.5
68	7.9	6.8	10.2



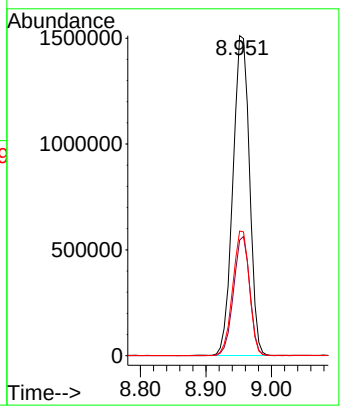


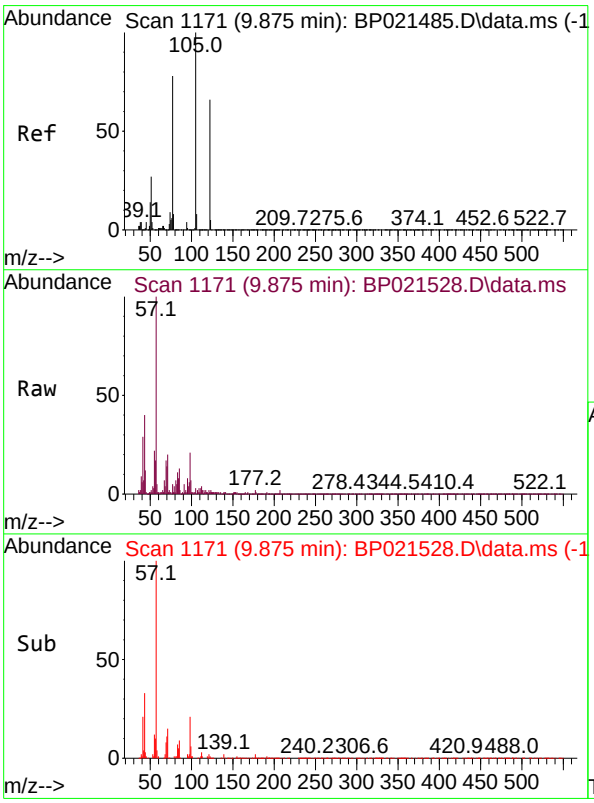
#23
Nitrobenzene-d5
Concen: 66.675 ng
RT: 8.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion: 82 Resp: 2666086

Ion	Ratio	Lower	Upper
82	100		
128	36.1	26.5	39.7
54	38.9	30.3	45.5

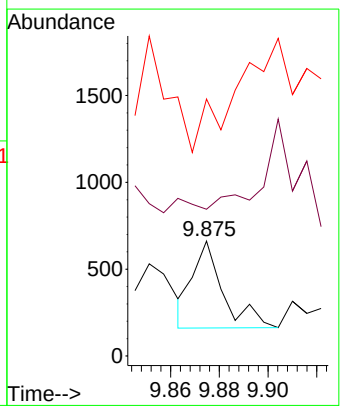


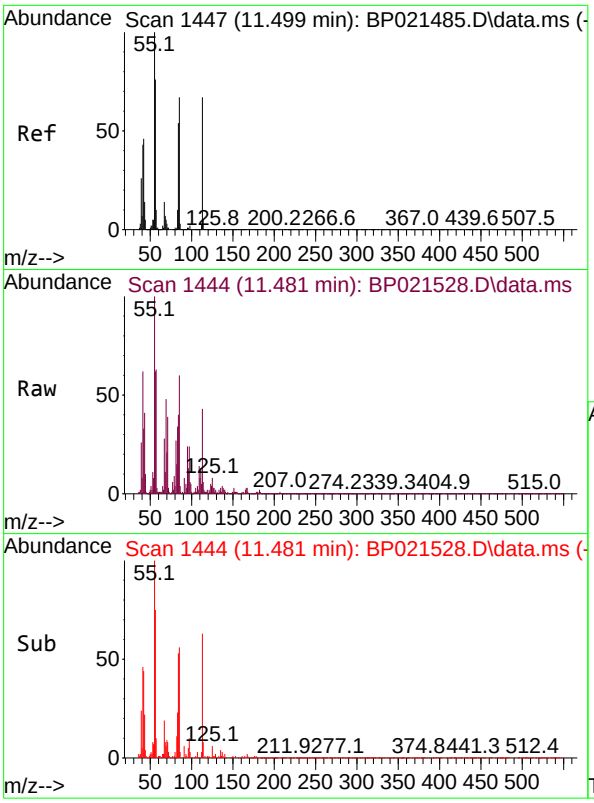


#32
Benzoic acid
Concen: 3.359 ng
RT: 9.875 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:122 Resp: 433

Ion	Ratio	Lower	Upper
122	100		
105	127.6	124.6	164.6
77	223.6	96.2	136.2#



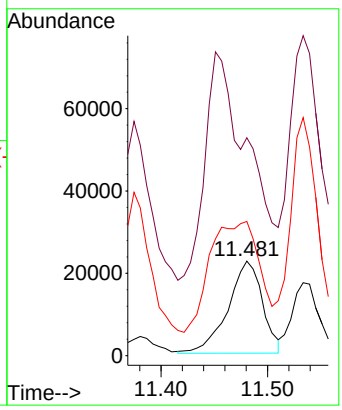


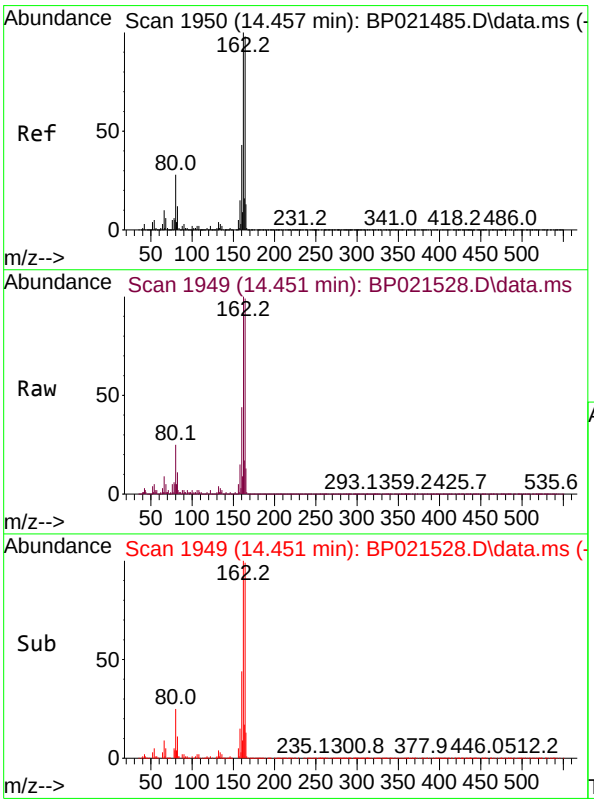
#35
Caprolactam
Concen: 4.397 ng
RT: 11.481 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:113 Resp: 50412

Ion	Ratio	Lower	Upper
113	100		
55	230.5	130.6	170.6#
56	142.0	94.6	134.6#

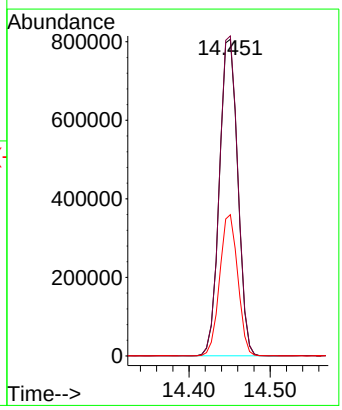


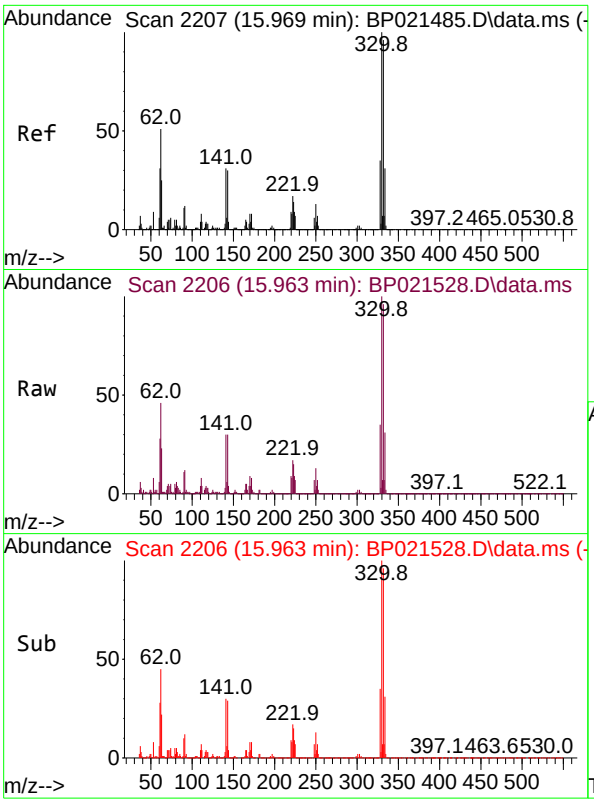


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:164 Resp: 1266059

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.5	122.3
160	44.6	35.2	52.8



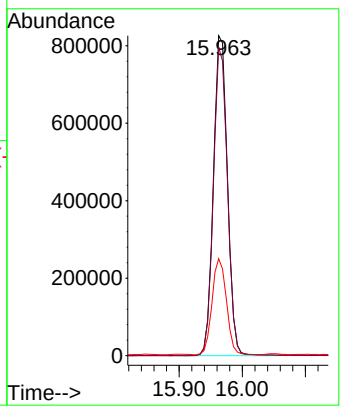


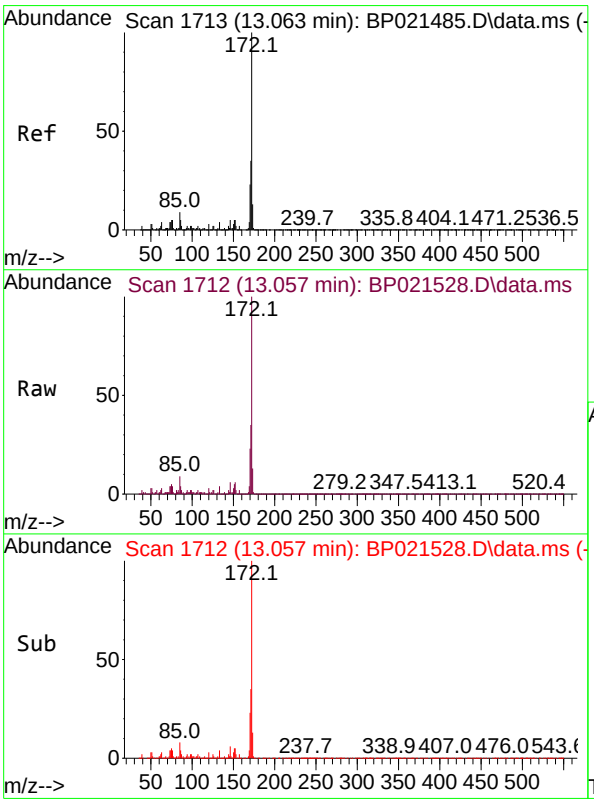
#42
2,4,6-Tribromophenol
Concen: 90.467 ng
RT: 15.963 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:330 Resp: 1274744

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	30.6	24.5	36.7

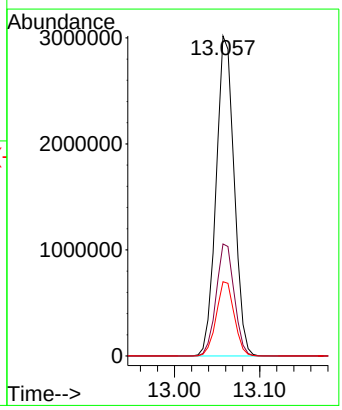


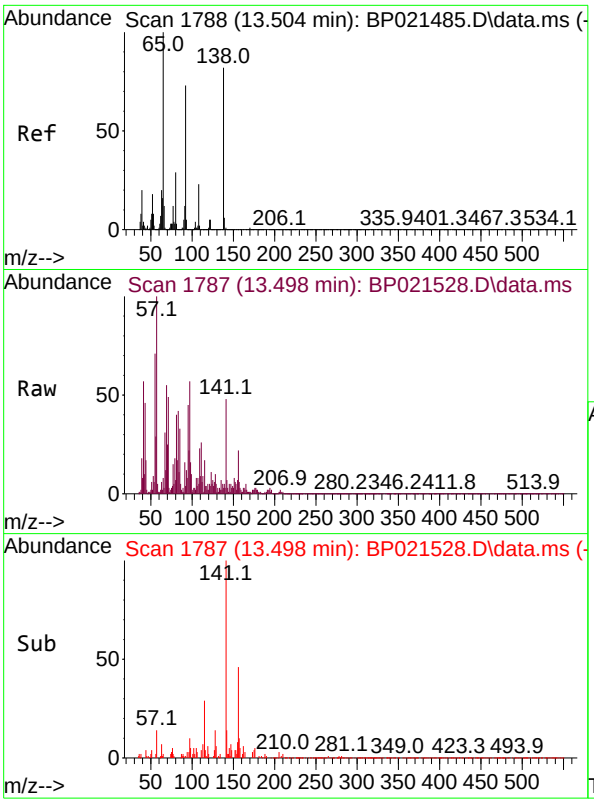


#45
2-Fluorobiphenyl
Concen: 53.504 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:172 Resp: 4438535

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.2	18.4	27.6



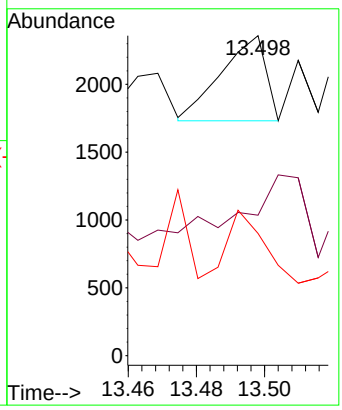


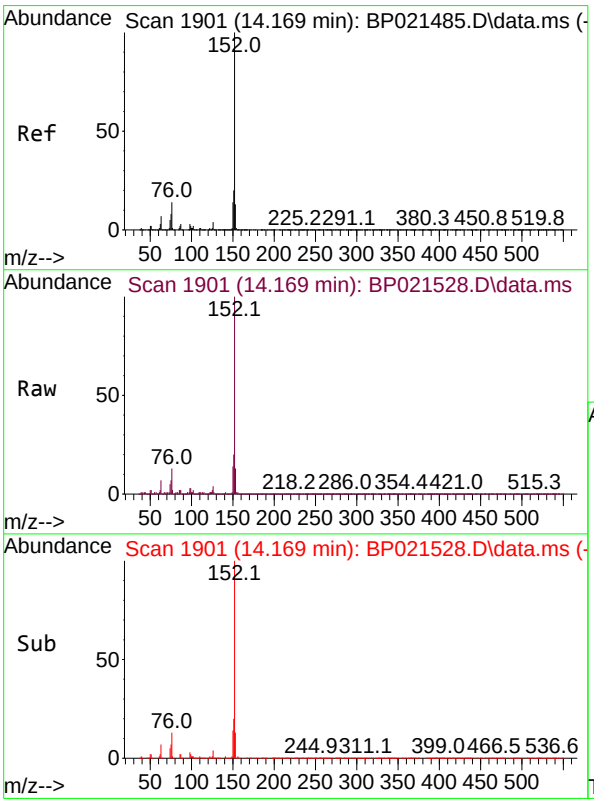
#48
2-Nitroaniline
Concen: 5.173 ng
RT: 13.498 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion: 65 Resp: 569

Ion	Ratio	Lower	Upper
65	100		
92	43.9	58.1	87.1#
138	38.2	65.5	98.3#

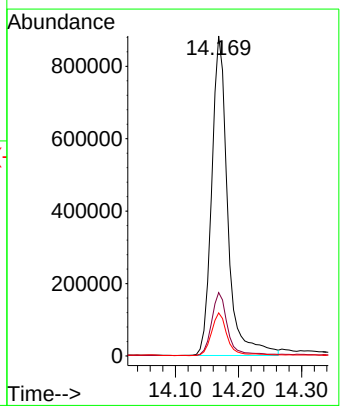


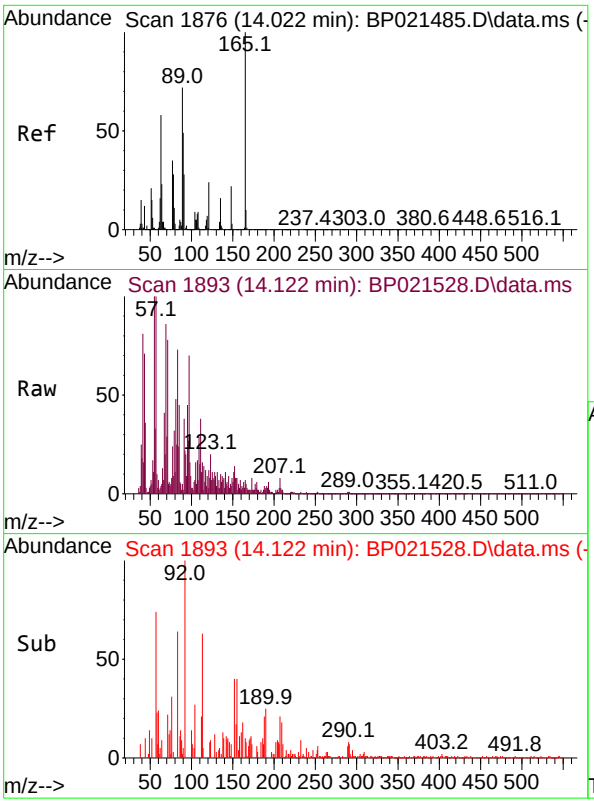


#49
Acenaphthylene
Concen: 15.171 ng
RT: 14.169 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:152 Resp: 1555239

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.5	10.6	16.0



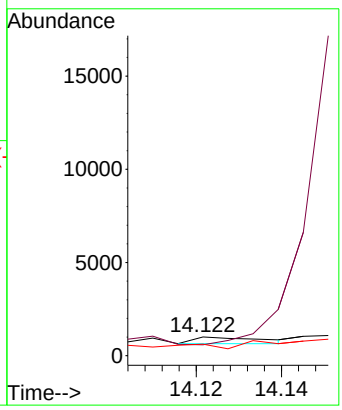


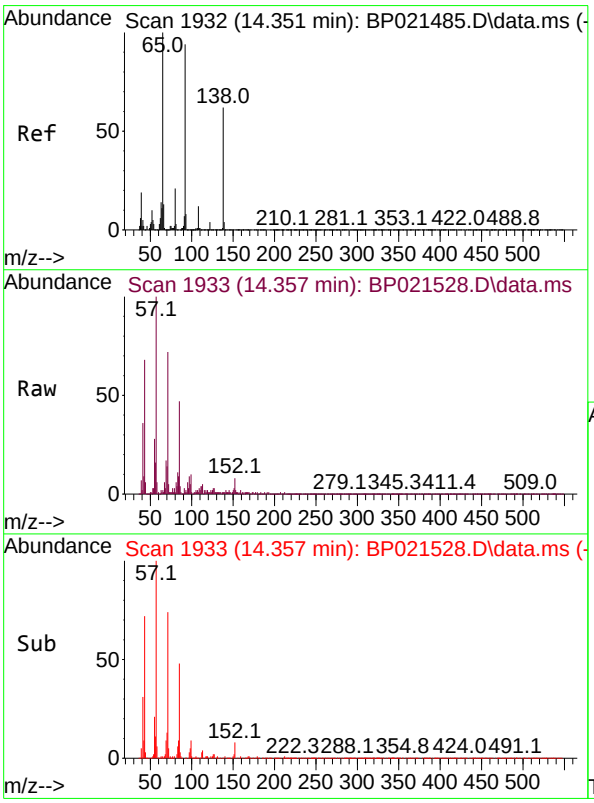
#51
2,6-Dinitrotoluene
Concen: 4.006 ng
RT: 14.122 min Scan# 1
Delta R.T. 0.100 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:165 Resp: 385

Ion	Ratio	Lower	Upper
165	100		
63	58.3	51.5	77.3
89	61.1	57.8	86.8

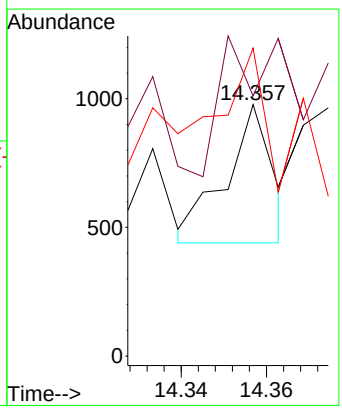


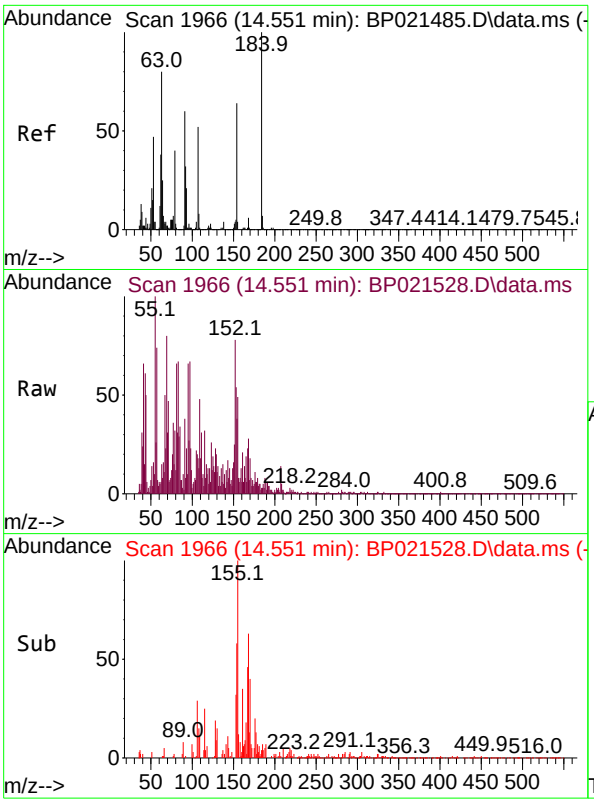


#53
3-Nitroaniline
Concen: 3.991 ng
RT: 14.357 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:138 Resp: 408

Ion	Ratio	Lower	Upper
138	100		
108	103.5	16.2	24.4#
92	122.5	122.2	183.4



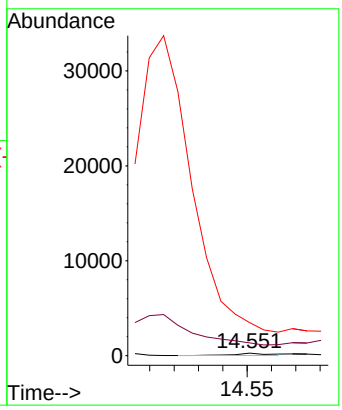


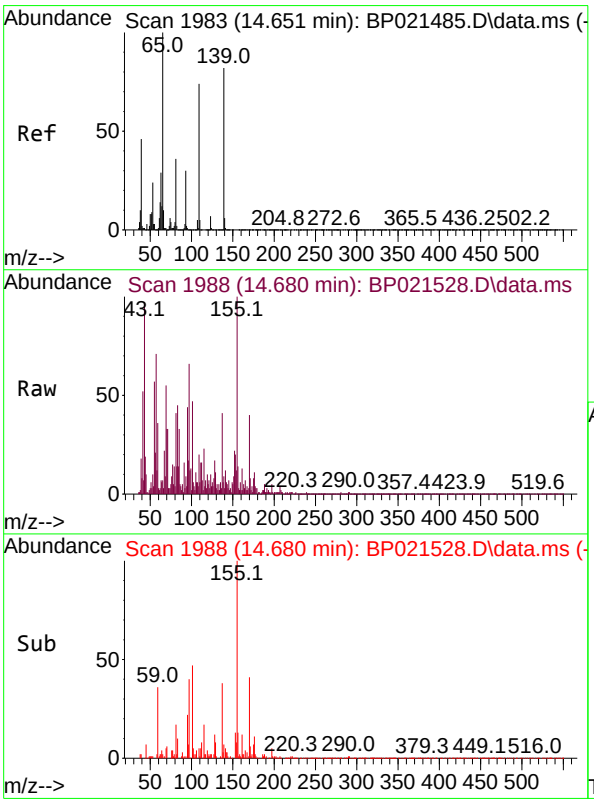
#54
2,4-Dinitrophenol
Concen: 2.515 ng
RT: 14.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:184 Resp: 264

Ion	Ratio	Lower	Upper
184	100		
63	491.7	64.9	97.3#
154	1266.7	52.1	78.1#

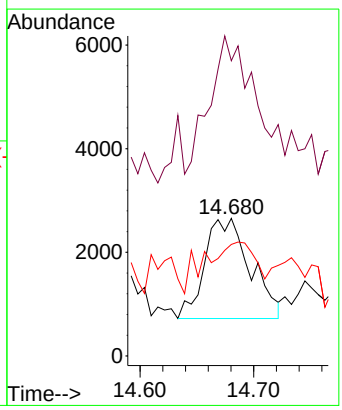


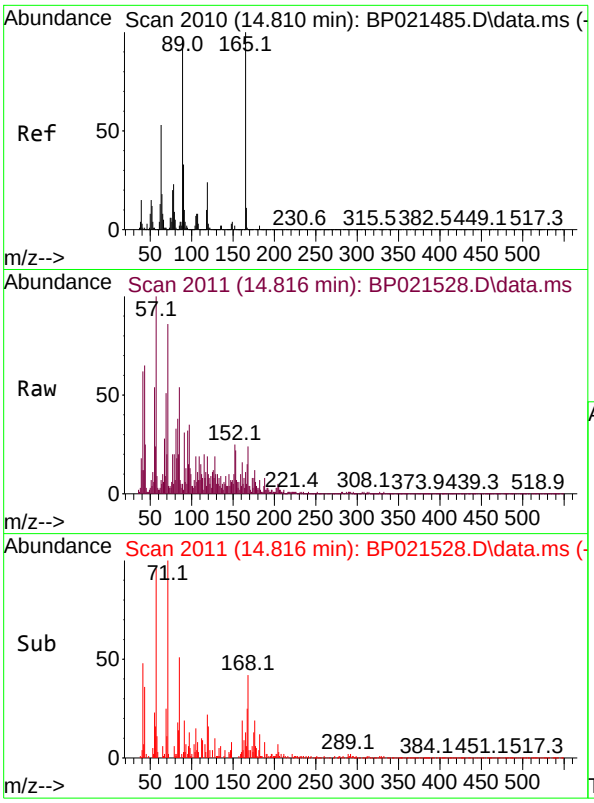


#56
4-Nitrophenol
Concen: 5.438 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.029 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:139 Resp: 5393

Ion	Ratio	Lower	Upper
139	100		
109	214.7	70.2	110.2#
65	81.1	101.8	141.8#



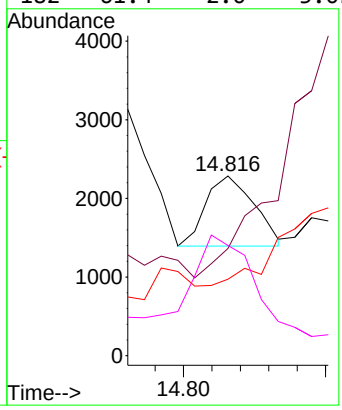


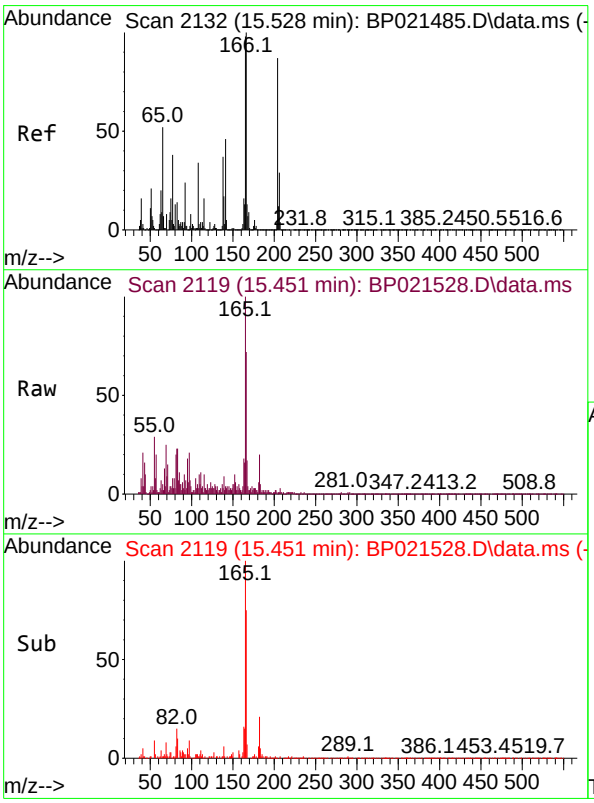
#57
2,4-Dinitrotoluene
Concen: 5.066 ng
RT: 14.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:165 Resp: 1055

Ion	Ratio	Lower	Upper
165	100		
63	59.7	42.5	63.7
89	42.5	77.1	115.7#
182	61.4	2.0	3.0#

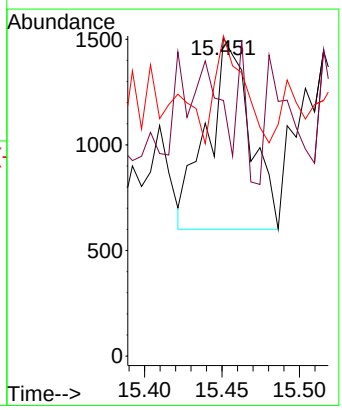


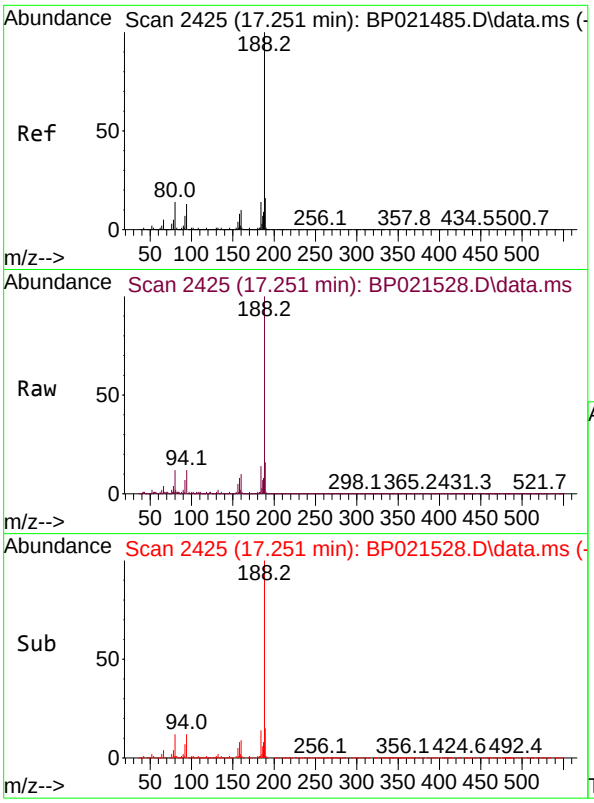


#62
4-Nitroaniline
Concen: 3.029 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.077 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:138 Resp: 1736

Ion	Ratio	Lower	Upper
138	100		
92	80.4	46.4	86.4
108	100.6	73.2	113.2



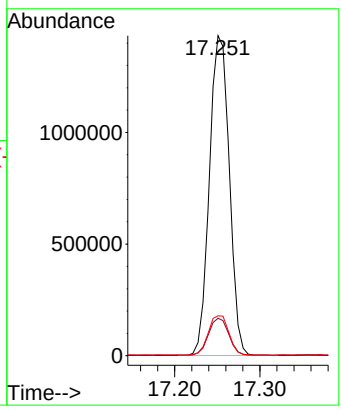


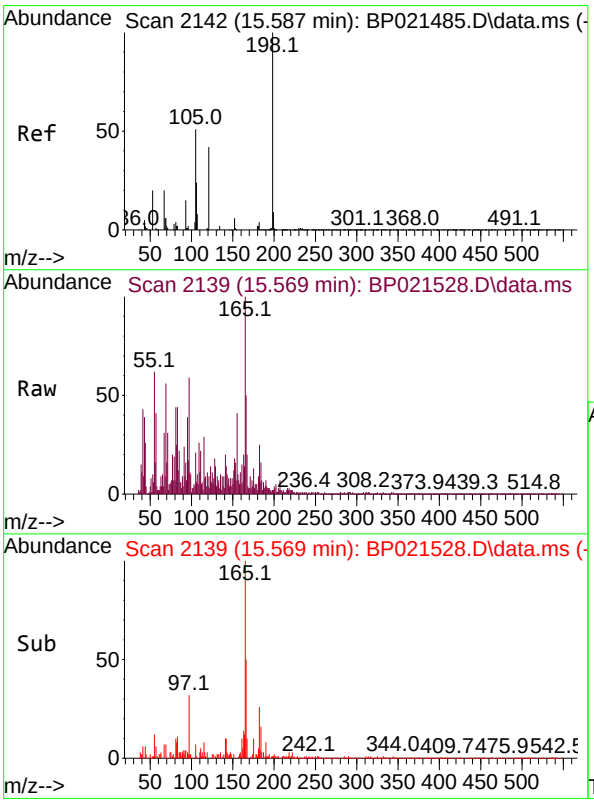
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:188 Resp: 2320285

Ion	Ratio	Lower	Upper
188	100		
94	11.7	10.2	15.4
80	12.5	11.6	17.4

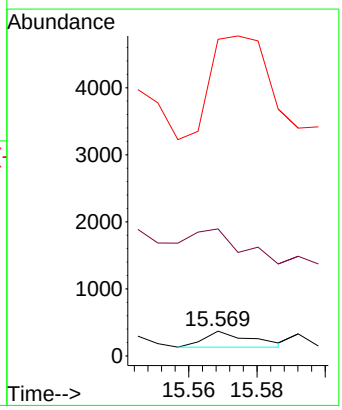


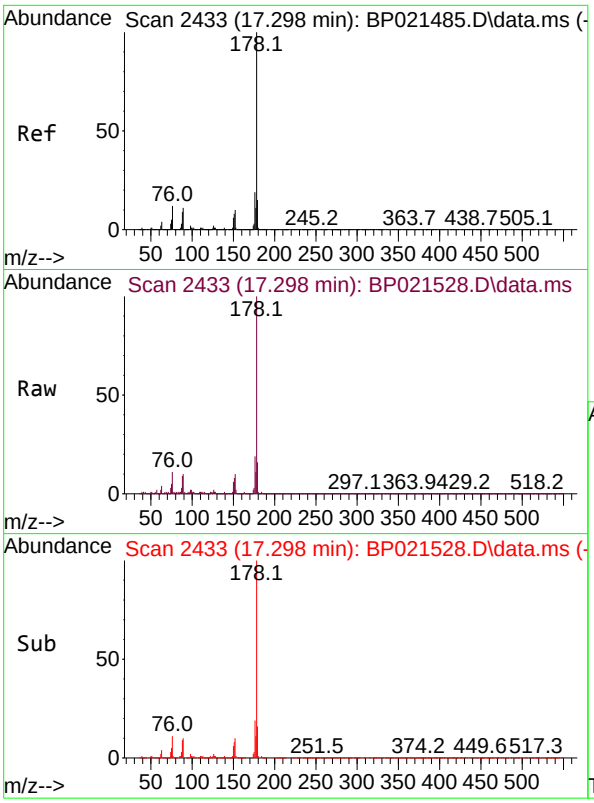


#65
4,6-Dinitro-2-methylphenol
Concen: 4.648 ng
RT: 15.569 min Scan# 2139
Delta R.T. -0.018 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:198 Resp: 225

Ion	Ratio	Lower	Upper
198	100		
51	513.3	21.5	61.5#
105	1279.4	32.9	72.9#



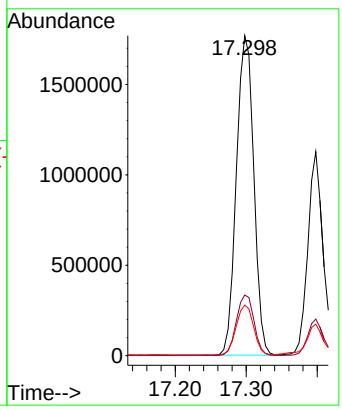


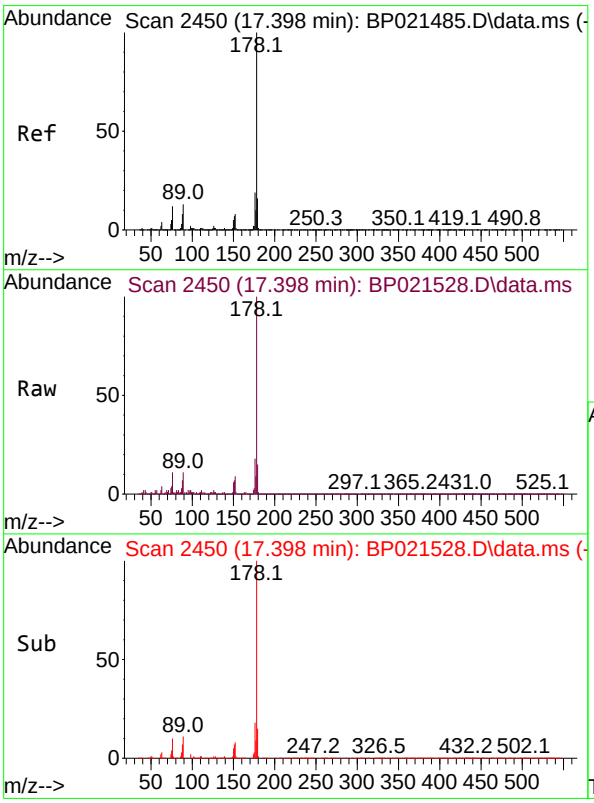
#71
Phenanthrene
Concen: 27.044 ng
RT: 17.298 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:178 Resp: 3017771

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.8	12.4	18.6

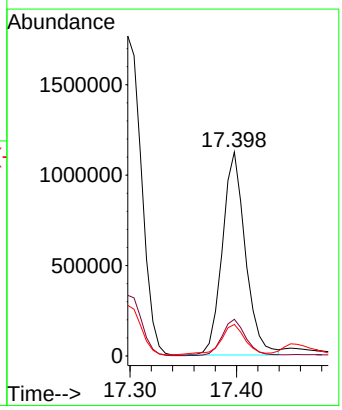


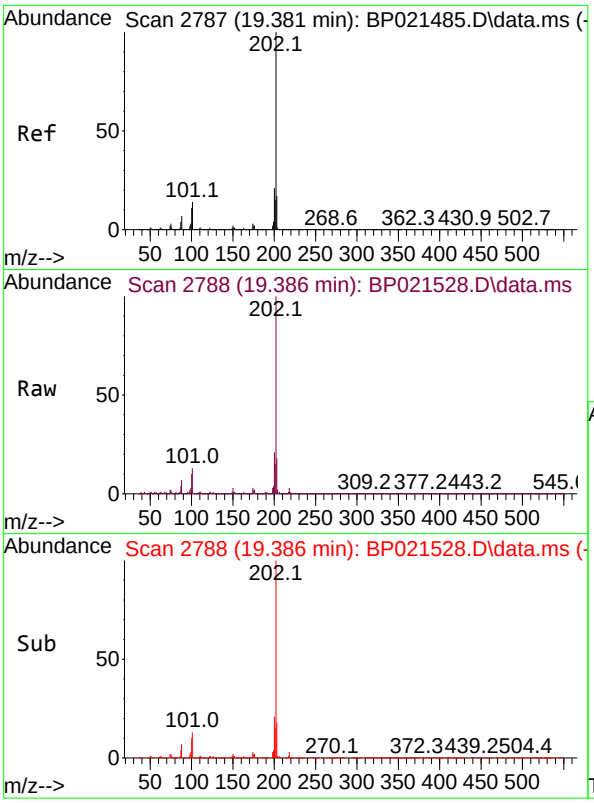


#72
Anthracene
Concen: 15.392 ng
RT: 17.398 min Scan# 2450
Delta R.T. -0.000 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:178 Resp: 1684413

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.9	22.3
179	15.4	12.5	18.7



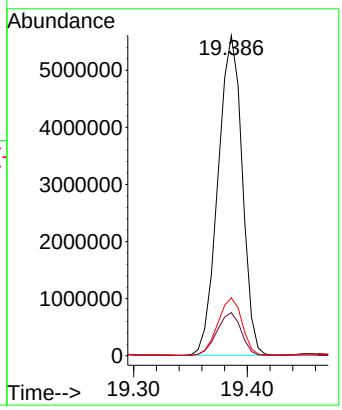


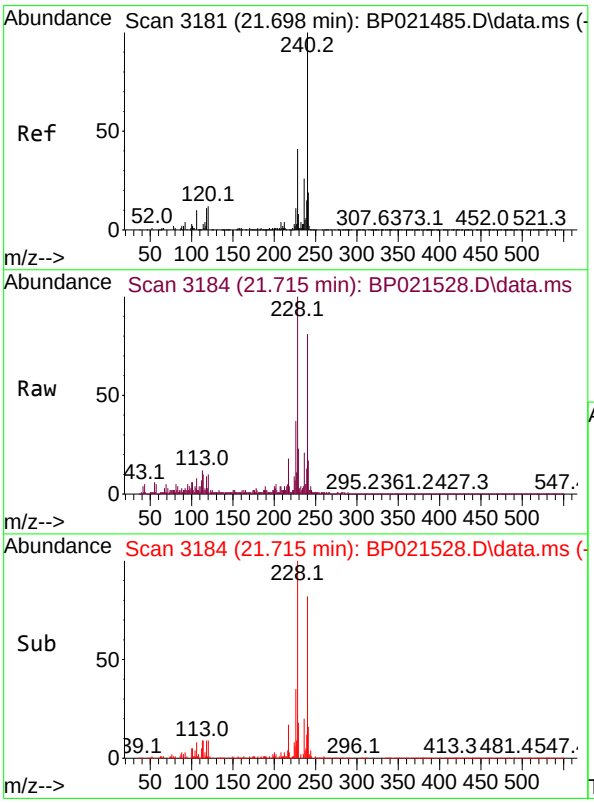
#75
Fluoranthene
Concen: 60.605 ng
RT: 19.386 min Scan# 2
Delta R.T. 0.005 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:202 Resp: 8297825

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.0
203	18.1	0.0	37.5

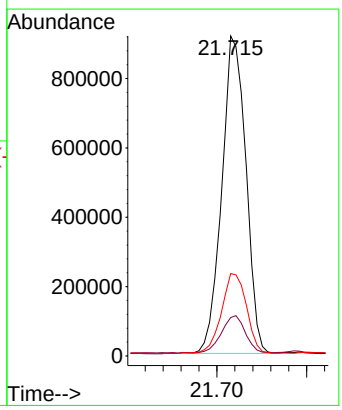


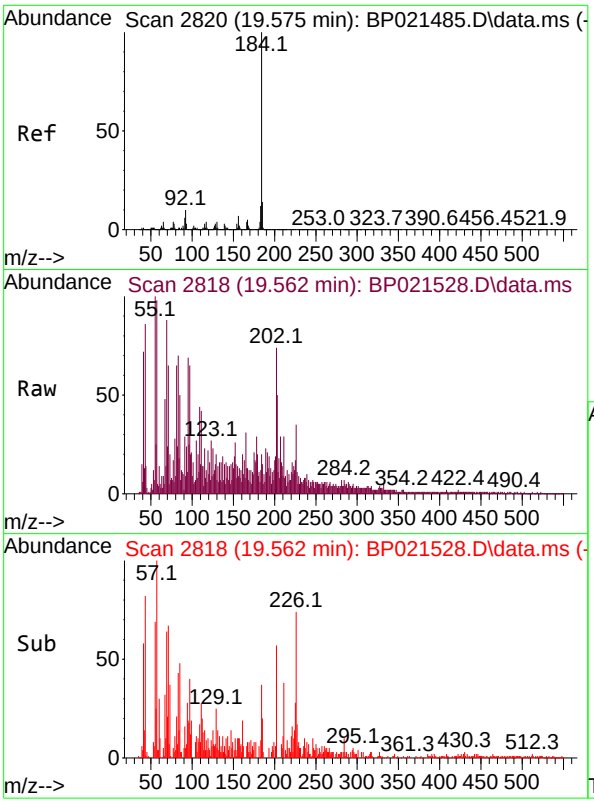


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.715 min Scan# 3184
Delta R.T. 0.017 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:240 Resp: 1706623

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.9	14.9
236	25.8	20.6	30.8



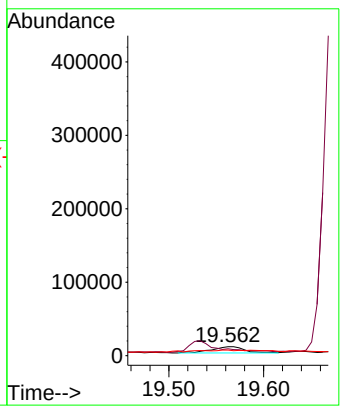


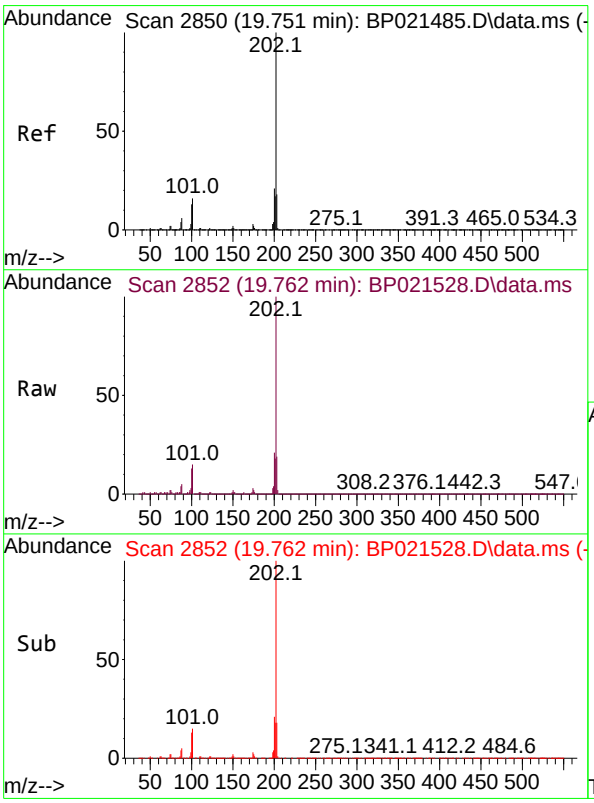
#77
Benzidine
Concen: 4.972 ng
RT: 19.562 min Scan# 2
Delta R.T. -0.013 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:184 Resp: 20895

Ion	Ratio	Lower	Upper
184	100		
185	75.7	11.4	17.0#
183	62.0	9.3	13.9#

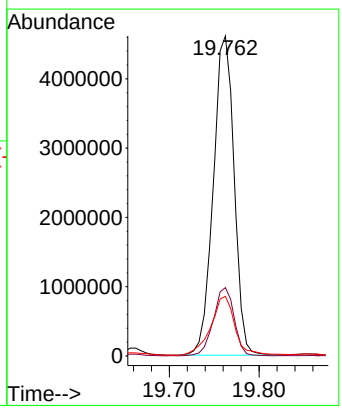


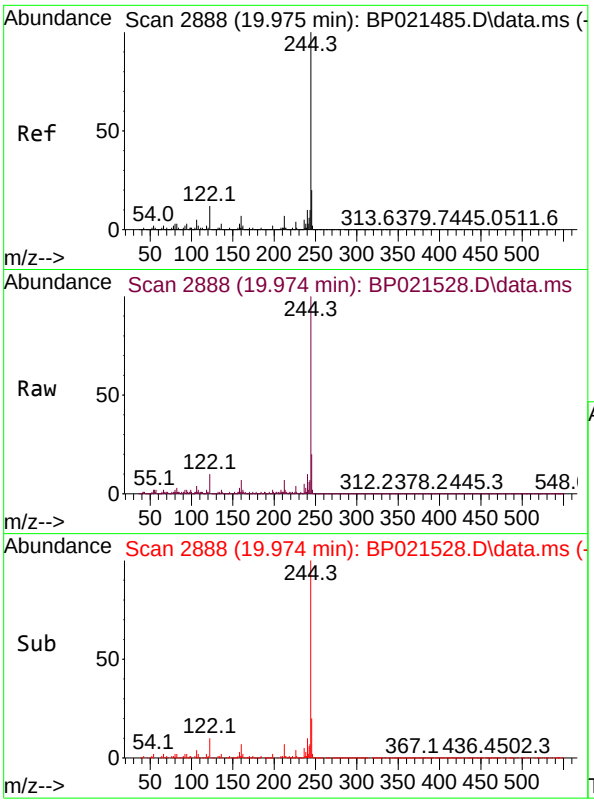


#78
Pyrene
Concen: 66.586 ng
RT: 19.762 min Scan# 2852
Delta R.T. 0.011 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:202 Resp: 7427491

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	18.7	14.1	21.1



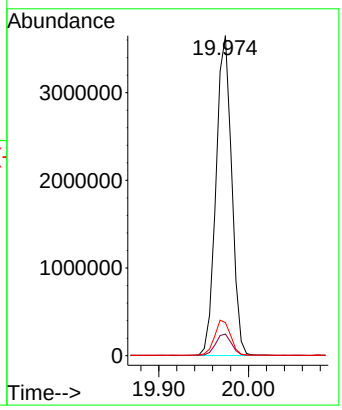


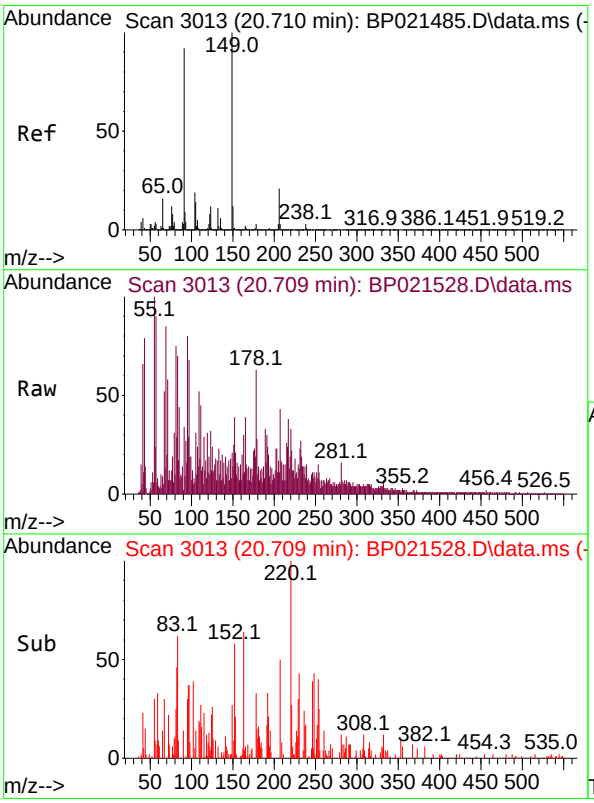
#79
Terphenyl-d14
Concen: 50.312 ng
RT: 19.974 min Scan# 2
Delta R.T. -0.001 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:244 Resp: 4419760

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.4	9.4	14.2

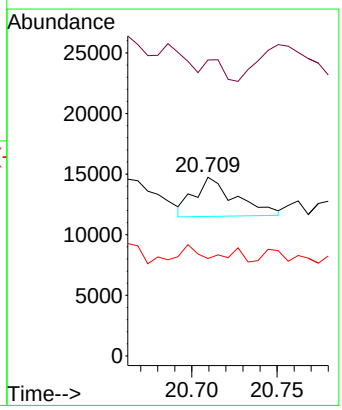


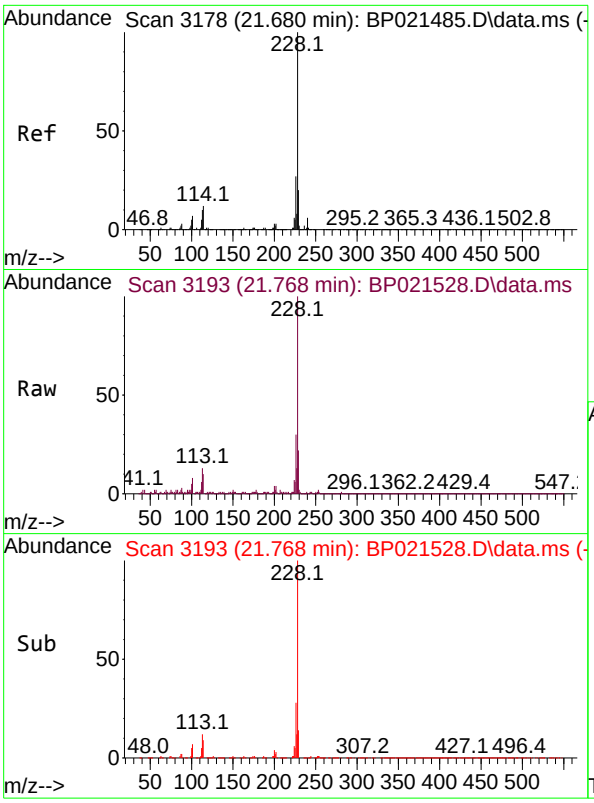


#80
Butylbenzylphthalate
Concen: 3.721 ng
RT: 20.709 min Scan# 3013
Delta R.T. -0.001 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:149 Resp: 5409

Ion	Ratio	Lower	Upper
149	100		
91	165.6	73.3	109.9#
206	54.5	17.1	25.7#



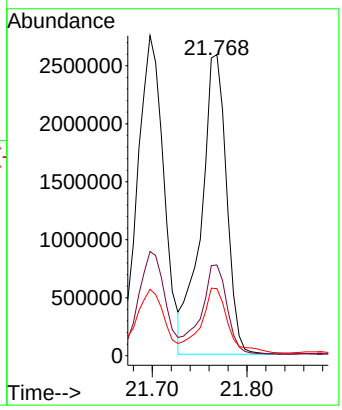


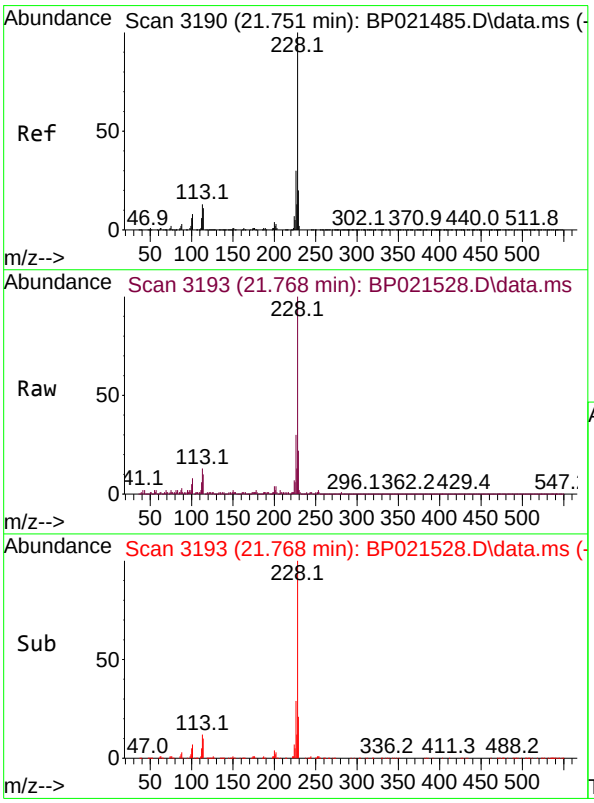
#81
Benzo(a)anthracene
Concen: 44.905 ng
RT: 21.768 min Scan# 3
Delta R.T. 0.088 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:228 Resp: 4810936

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.4	32.2
229	22.2	15.8	23.6

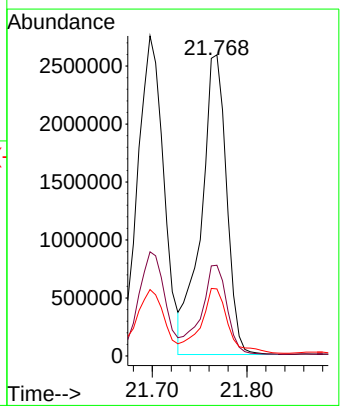


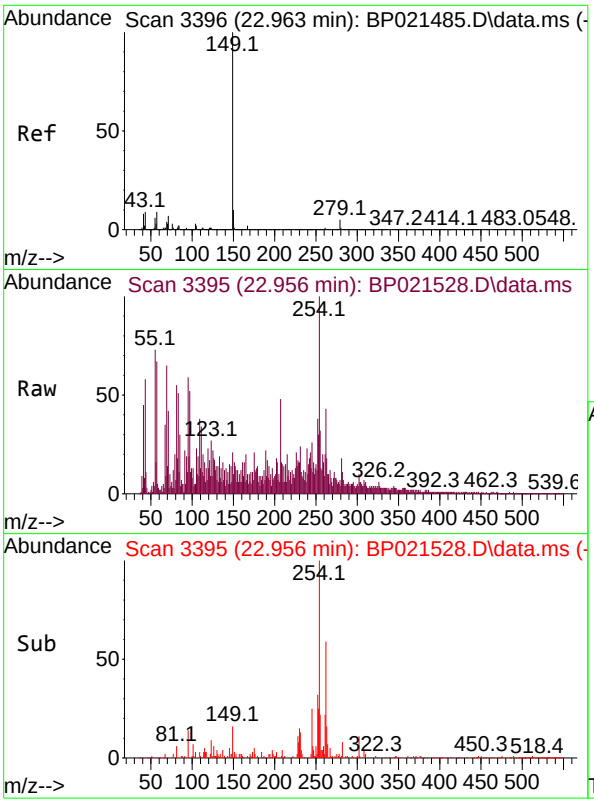


#83
Chrysene
Concen: 47.562 ng
RT: 21.768 min Scan# 3193
Delta R.T. 0.017 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:228 Resp: 4810936

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	22.2	15.8	23.6



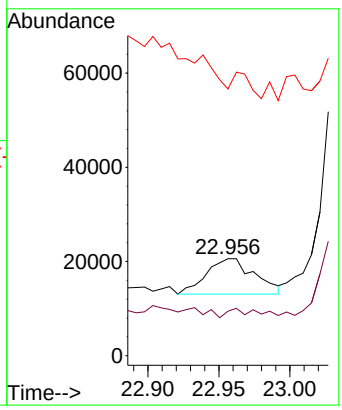


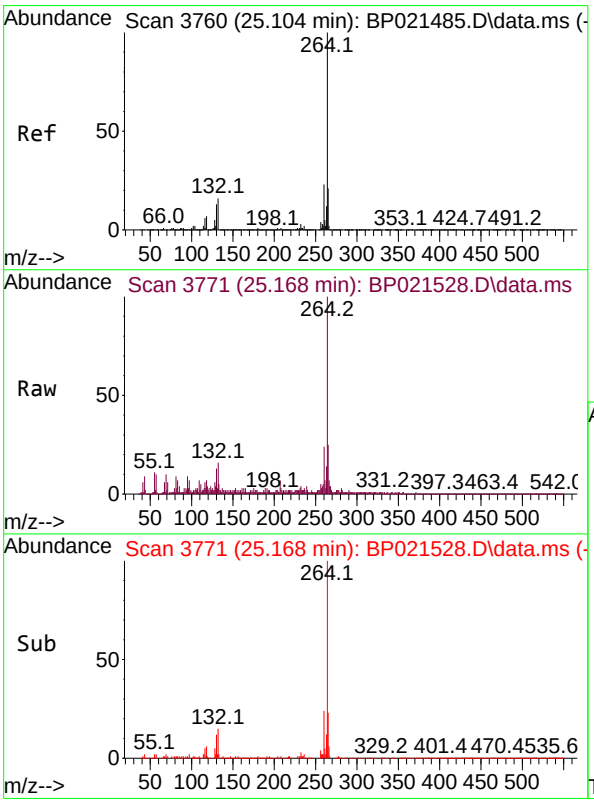
#85
Di-n-octyl phthalate
Concen: 4.980 ng
RT: 22.956 min Scan# 3
Delta R.T. -0.007 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:149 Resp: 17823

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	25.1	7.3	10.9#

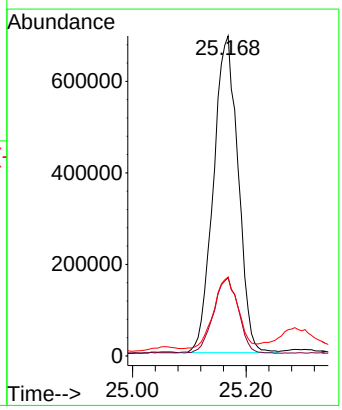


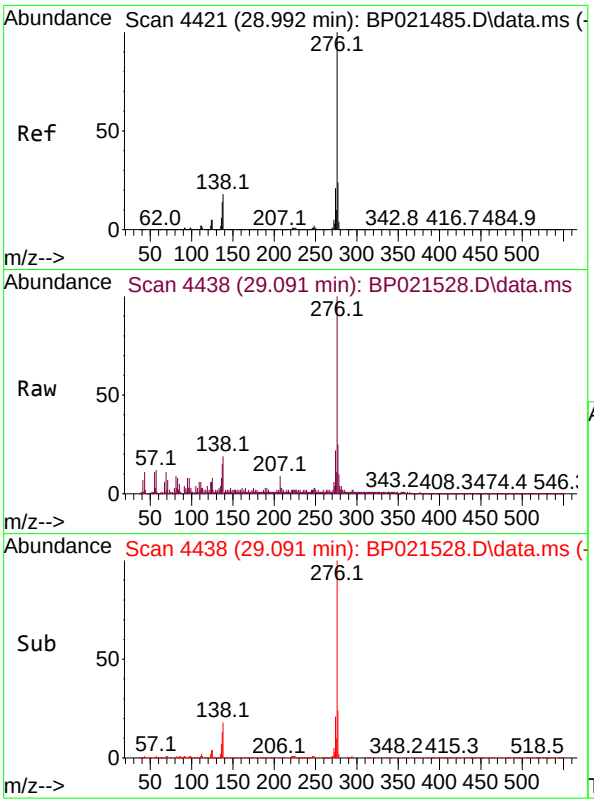


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.168 min Scan# 3771
Delta R.T. 0.064 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:264 Resp: 2084937

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	24.7	17.1	25.7



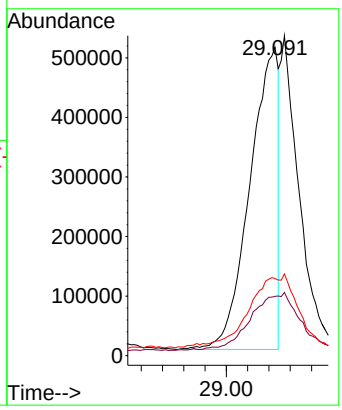


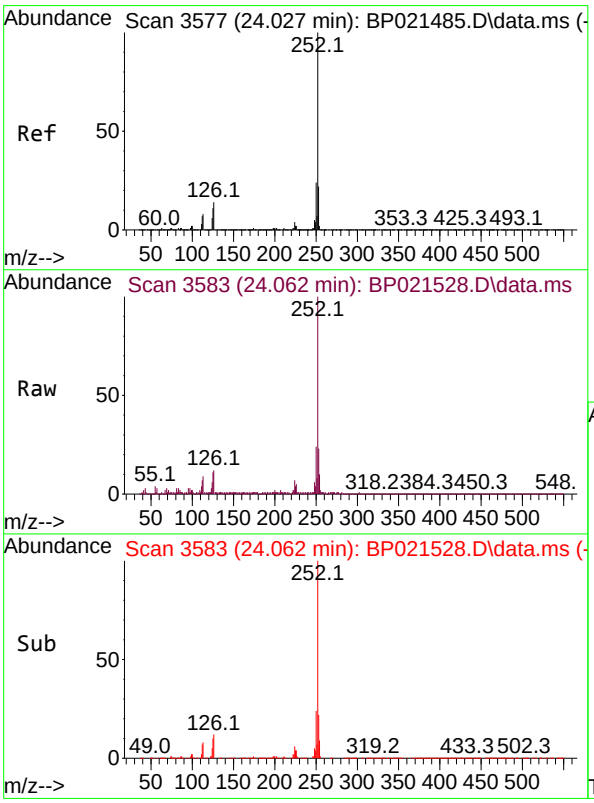
#87
Indeno(1,2,3-cd)pyrene
Concen: 13.859 ng
RT: 29.091 min Scan# 44
Delta R.T. 0.100 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:276 Resp: 1873087

Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.8	19.2#
277	26.9	16.5	24.7#

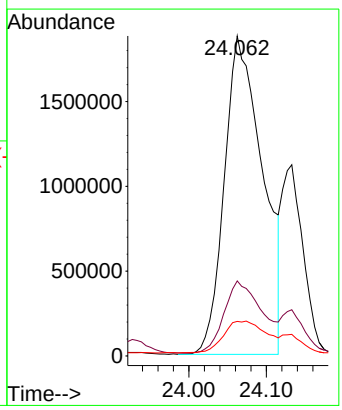


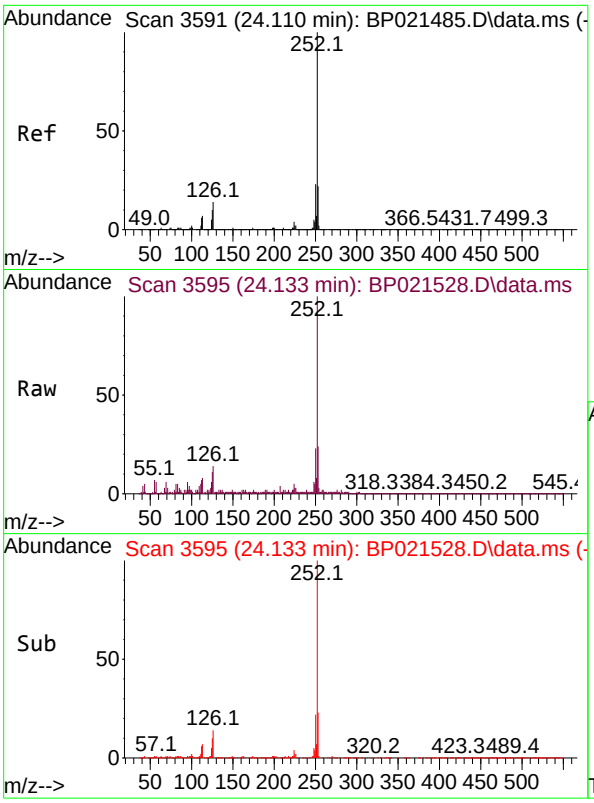


#88
Benzo(b)fluoranthene
Concen: 53.860 ng
RT: 24.062 min Scan# 3583
Delta R.T. 0.035 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:252 Resp: 6449297

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.8	8.6	13.0



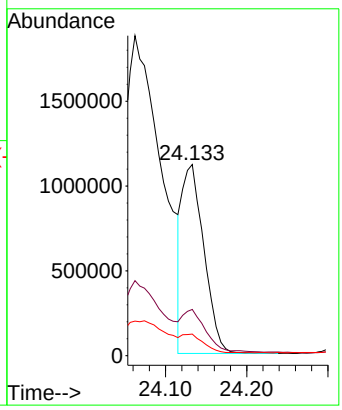


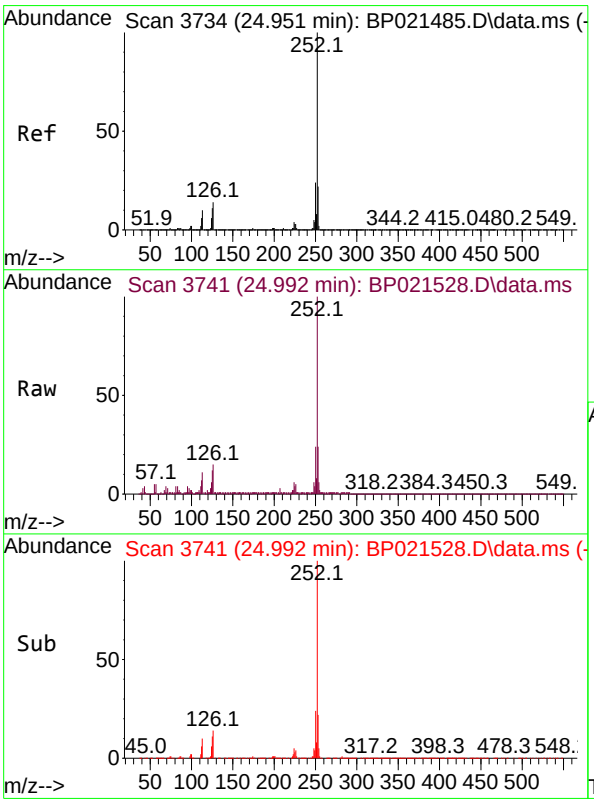
#89
Benzo(k)fluoranthene
Concen: 17.832 ng
RT: 24.133 min Scan# 3
Delta R.T. 0.023 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:252 Resp: 2082933

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	11.3	7.8	11.8

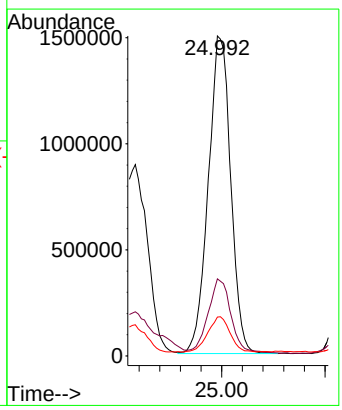


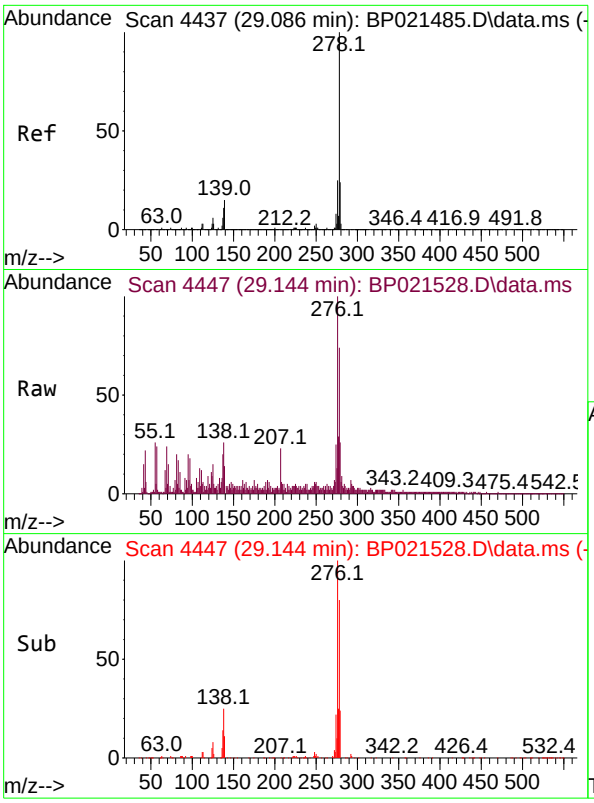


#90
Benzo(a)pyrene
Concen: 43.318 ng
RT: 24.992 min Scan# 3741
Delta R.T. 0.041 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:252 Resp: 4501281

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	12.1	8.7	13.1



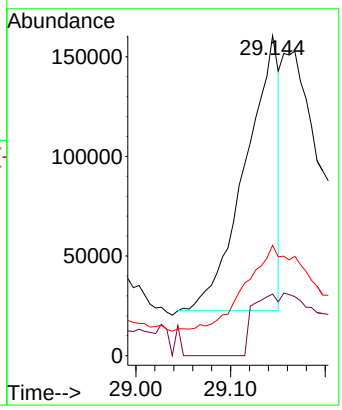


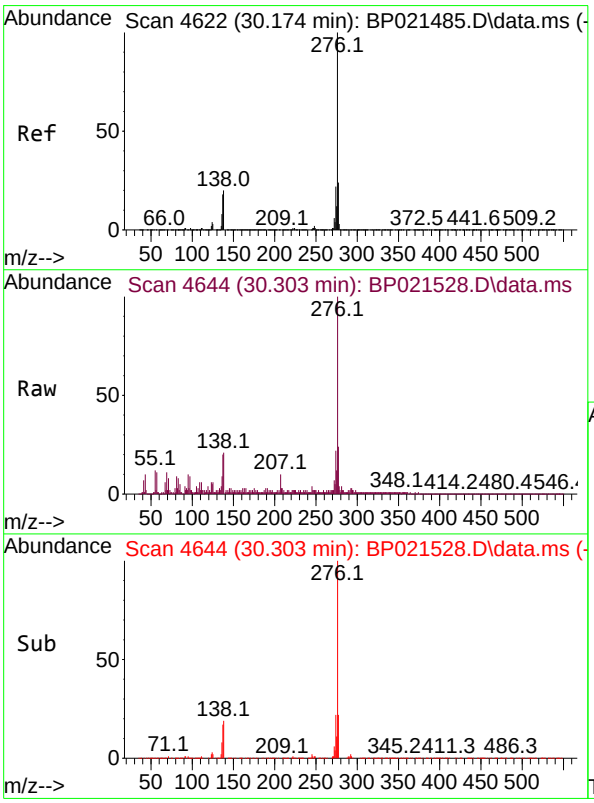
#91
Dibenzo(a,h)anthracene
Concen: 3.014 ng
RT: 29.144 min Scan# 4
Delta R.T. 0.058 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Instrument :
BNA_P
ClientSampleId :
VCPS-B1-081224-0-16

Tgt Ion:278 Resp: 338397

Ion	Ratio	Lower	Upper
278	100		
139	19.2	12.2	18.4#
279	34.5	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 25.715 ng
RT: 30.303 min Scan# 4644
Delta R.T. 0.129 min
Lab File: BP021528.D
Acq: 16 Aug 2024 01:07

Tgt Ion:276 Resp: 2894174

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.6
138	20.8	16.0	24.0