Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
Data File : BP007385.D
Acq On : 08 Oct 2021 21:34
Operator : CG/JU
Sample : M4112-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CON-WALL

Quant Time: Oct 09 06:19:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP100821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:35:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	202124	20.000	ng		0.00
21) Naphthalene-d8	10.575	136	443769	20.000	ng		0.00
39) Acenaphthene-d10	14.422	164	300815	20.000	ng		0.00
64) Phenanthrene-d10	17.175	188	651625	20.000	ng		-0.01
76) Chrysene-d12	21.269	240	581666	20.000	ng		-0.01
86) Perylene-d12	23.621	264	573114	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	745278	60.756	ng		0.00
7) Phenol-d6	6.963	99	1149193	69.782	ng		0.00
23) Nitrobenzene-d5	8.946	82	338747	44.957	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	392887	79.623	ng		-0.01
45) 2-Fluorobiphenyl	13.045	172	988071	45.897	ng		0.00
79) Terphenyl-d14	19.745	244	1612673	48.901	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.217	88	66	Below Cal		#	1
36) 4-Chloro-3-methylphenol	11.851	107	66	2.326	ng		95
41) Hexachlorocyclopentadiene	12.481	237	14	6.058	ng		86
66) n-Nitrosodiphenylamine	15.916	169	9558	Below Cal		#	40
68) Hexachlorobenzene	16.481	284	43	Below Cal		#	1
69) Atrazine	16.645	200	70	Below Cal			79
71) Phenanthrene	17.216	178	375981	10.926	ng		99
72) Anthracene	17.216	178	375981	10.339	ng		99
75) Fluoranthene	19.192	202	514240	11.588	ng		98
78) Pyrene	19.545	202	362241	9.044	ng		99
81) Benzo(a)anthracene	21.251	228	120857	3.216	ng		99
83) Chrysene	21.304	228	172808	4.886	ng		98
87) Indeno(1,2,3-cd)pyrene	26.074	276	88310	2.251	ng	#	94
88) Benzo(b)fluoranthene	22.904	252	192711	2.692	ng		96
89) Benzo(k)fluoranthene	22.904	252	192711	3.308	ng		96
90) Benzo(a)pyrene	23.516	252	112883	3.896	ng		99
92) Benzo(g,h,i)perylene	26.827	276	111540	3.630	ng	#	96

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

Quantitation Report (Not Reviewed)

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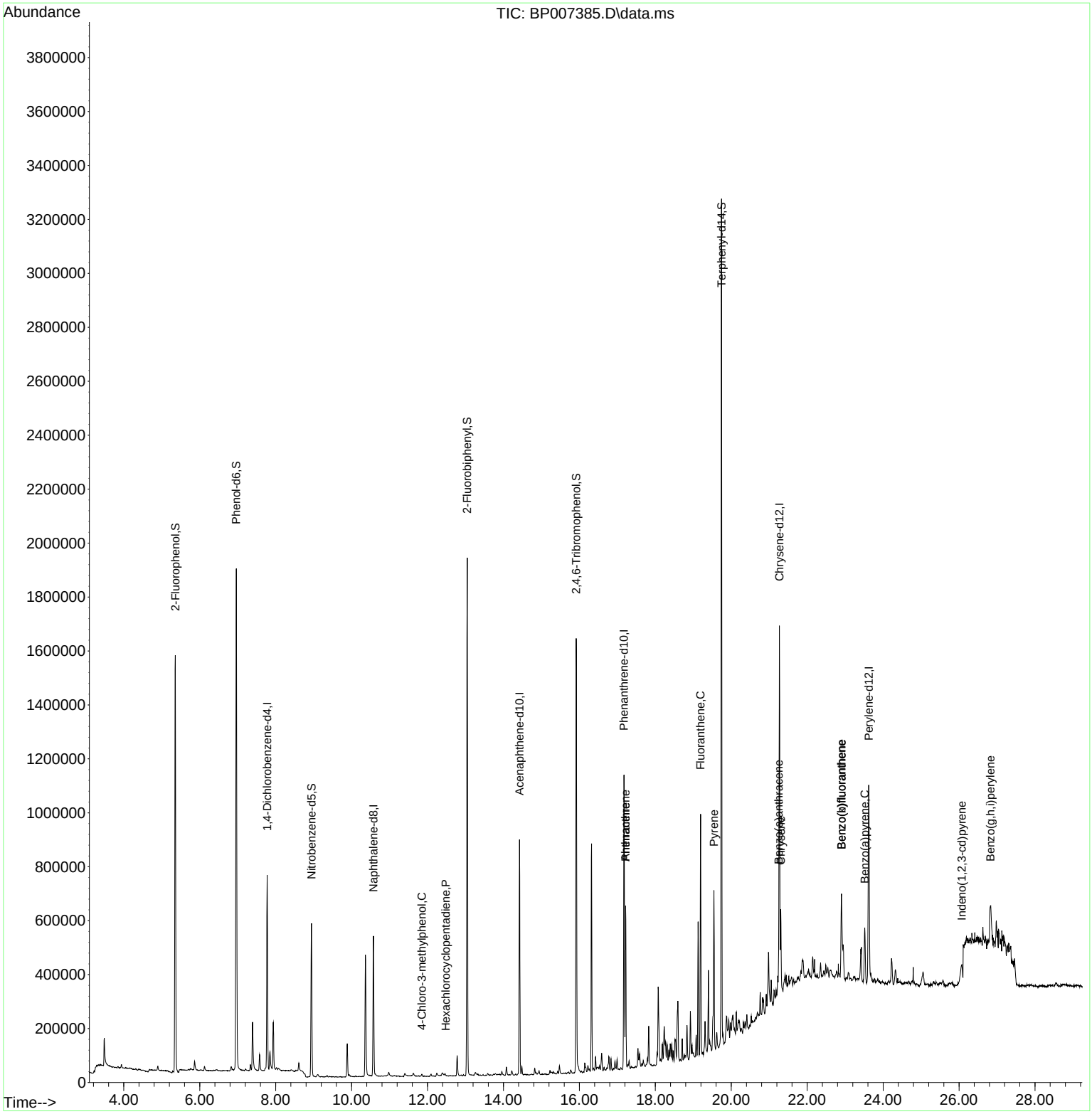

Instrument :
BNA_P
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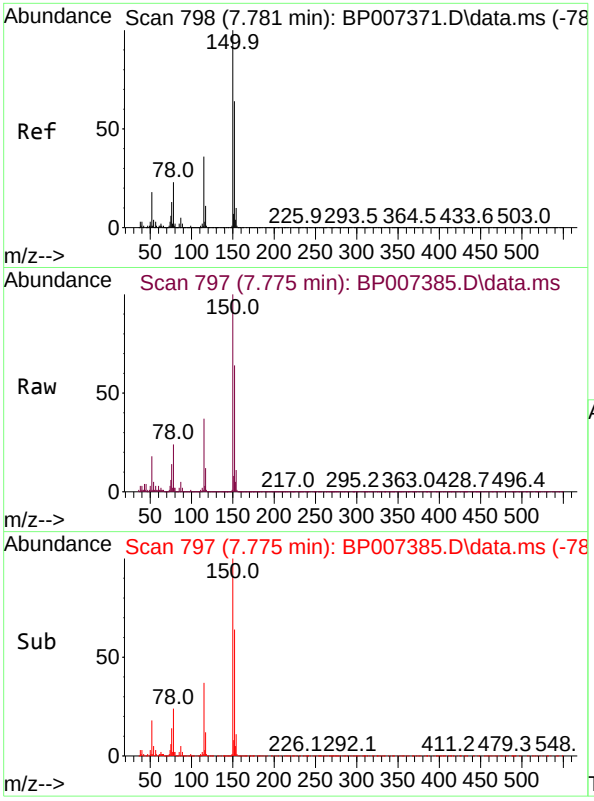
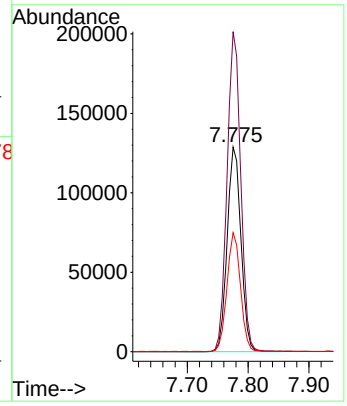
CON-WALL

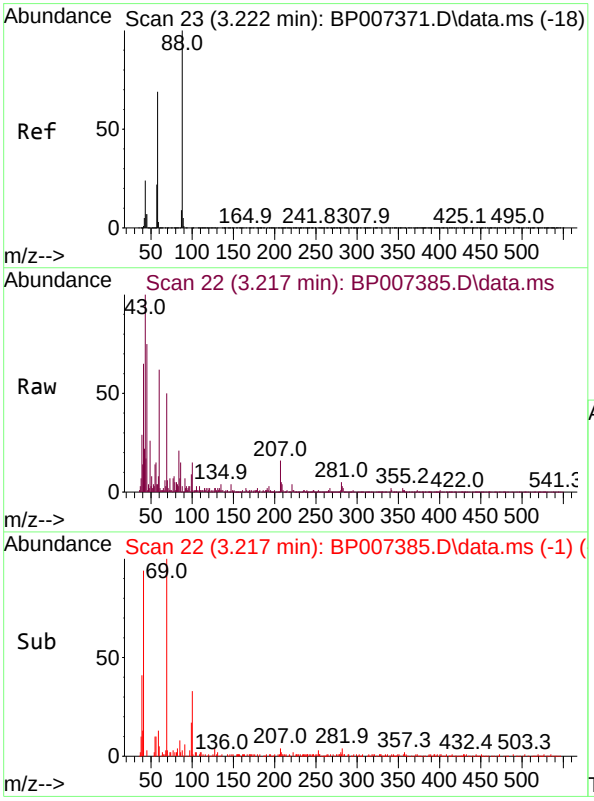


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:152 Resp: 202124

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.6	188.4
115	58.2	48.5	72.7

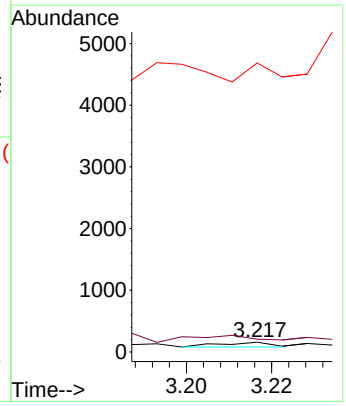




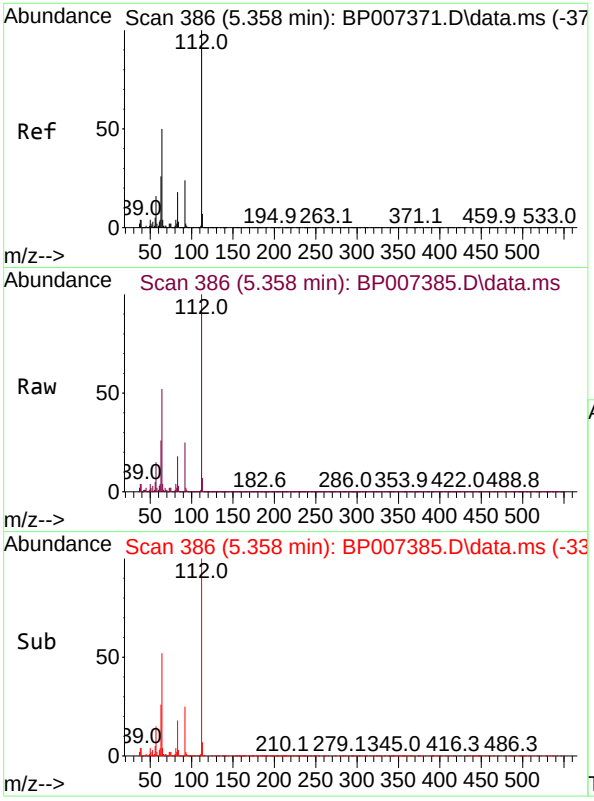
#2
1,4-Dioxane
Concen: Below Cal
RT: 3.217 min Scan# 22
Delta R.T. -0.005 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
58	198.5	46.7	70.1#
43	0.0	20.3	30.5#



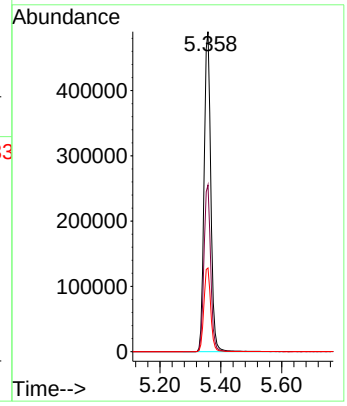
Instrument :
BNA_P
ClientSampleId :
CON-WALL

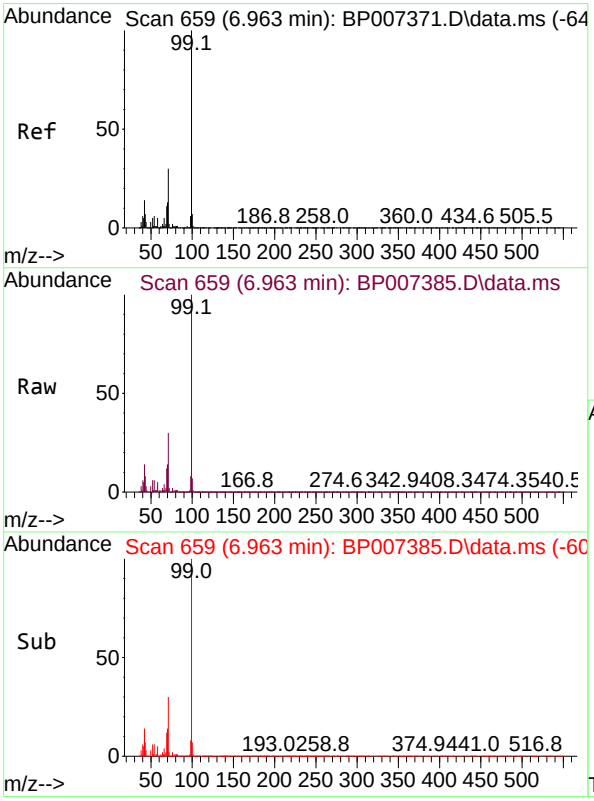


#5
2-Fluorophenol
Concen: 60.756 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:112 Resp: 745278

Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.4	62.2
63	26.2	23.8	35.8

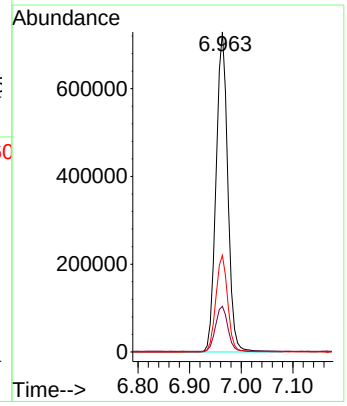




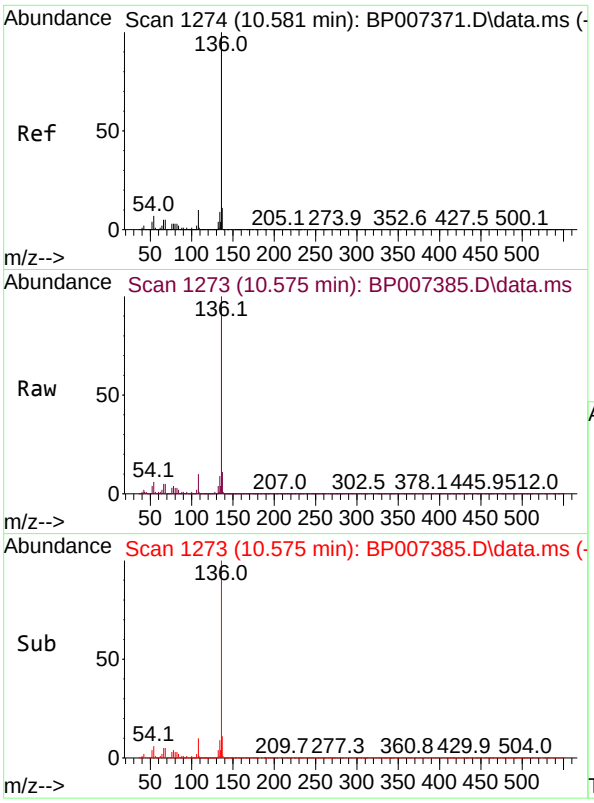
#7
Phenol-d6
Concen: 69.782 ng
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion: 99 Resp: 1149193

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.4	20.0
71	30.2	30.6	46.0#



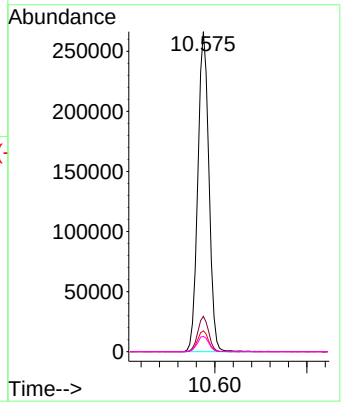
Instrument :
BNA_P
ClientSampleId :
CON-WALL

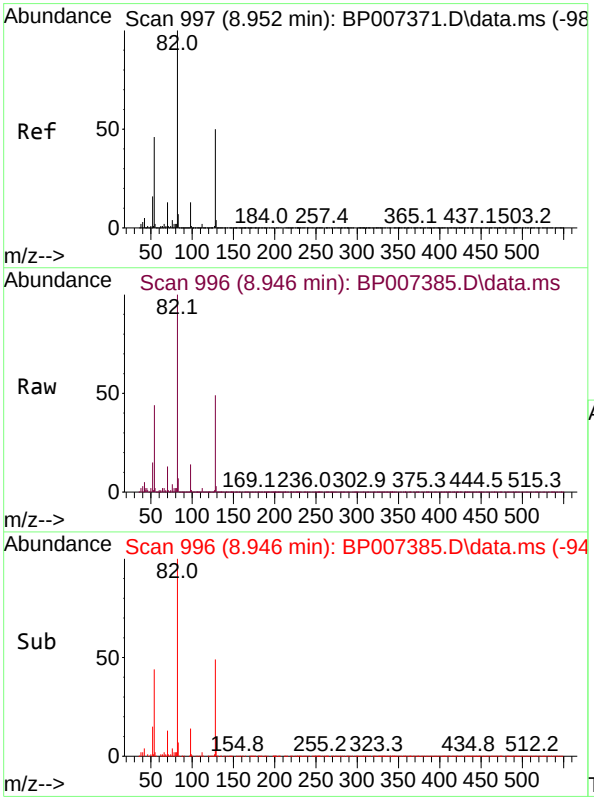


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:136 Resp: 443769

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.5	4.6	6.8
68	4.8	3.6	5.4

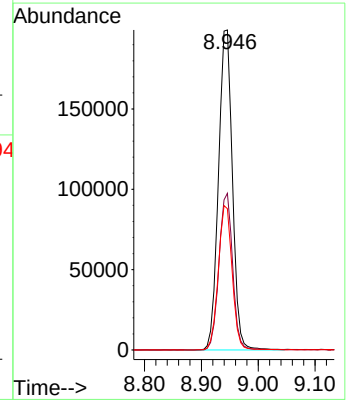




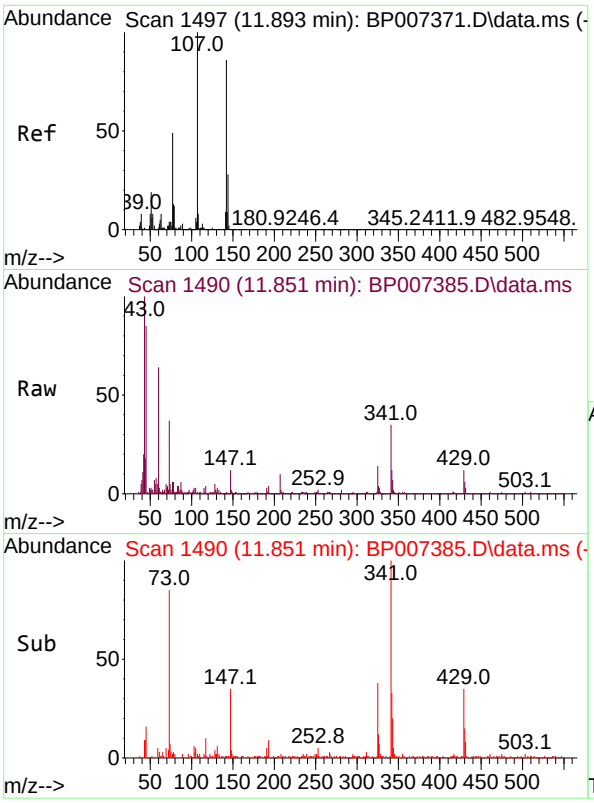
#23
Nitrobenzene-d5
Concen: 44.957 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion: 82 Resp: 338747

Ion	Ratio	Lower	Upper
82	100		
128	49.0	35.7	53.5
54	44.2	35.0	52.4



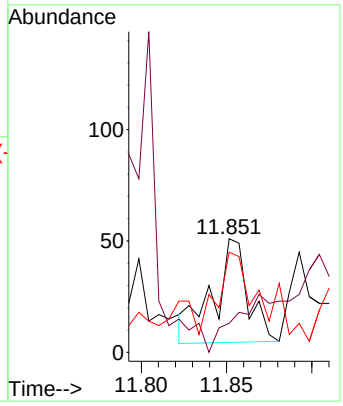
Instrument :
BNA_P
ClientSampleId :
CON-WALL

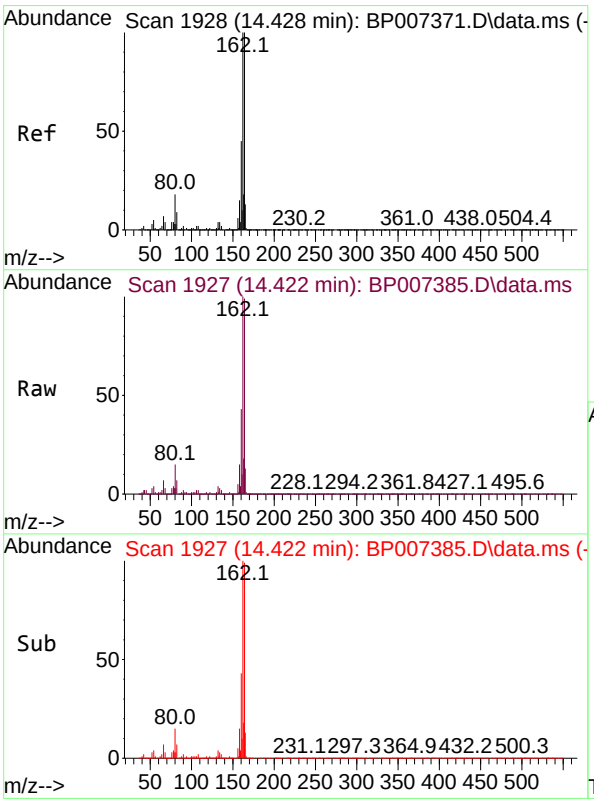


#36
4-Chloro-3-methylphenol
Concen: 2.326 ng
RT: 11.851 min Scan# 1490
Delta R.T. -0.042 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:107 Resp: 66

Ion	Ratio	Lower	Upper
107	100		
144	25.5	21.1	31.7
142	88.2	66.0	99.0

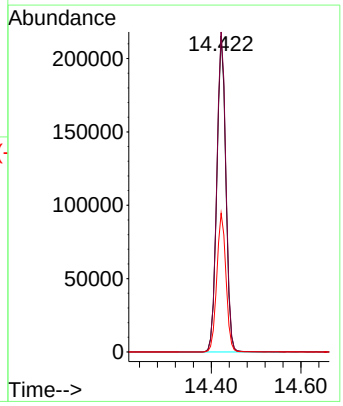




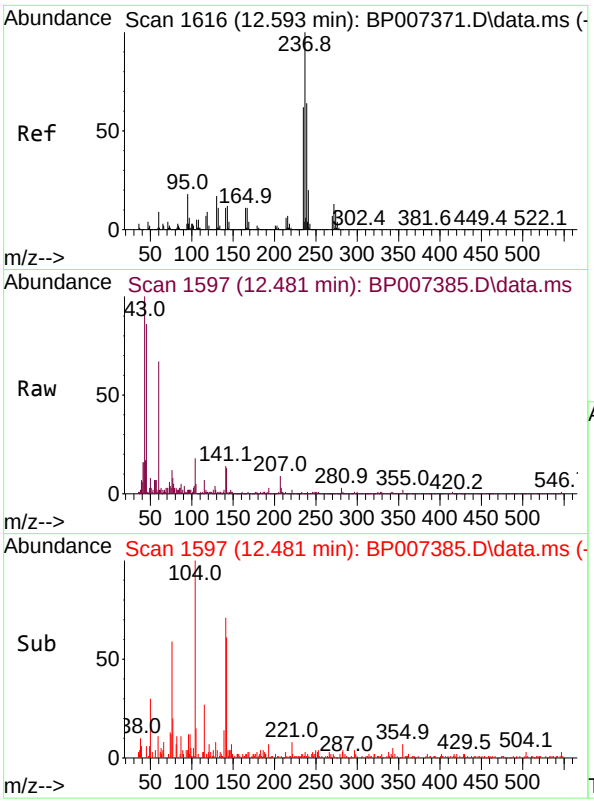
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:164 Resp: 300815

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	43.9	34.5	51.7



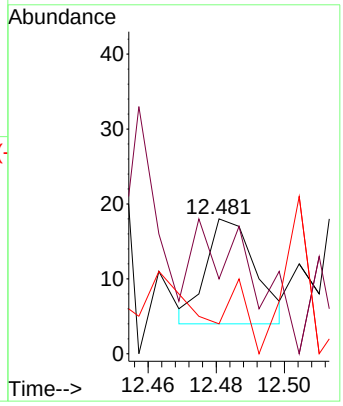
Instrument :
BNA_P
ClientSampleId :
CON-WALL

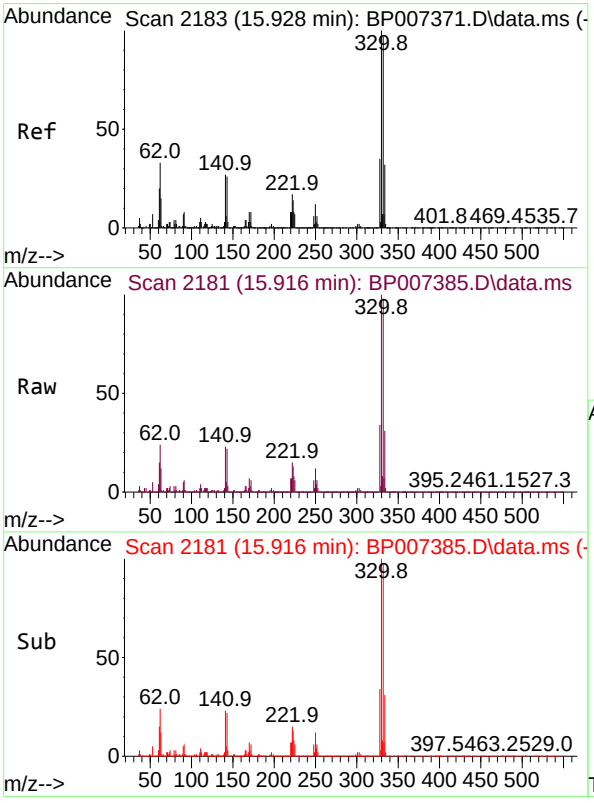


#41
Hexachlorocyclopentadiene
Concen: 6.058 ng
RT: 12.481 min Scan# 1597
Delta R.T. -0.112 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:237 Resp: 14

Ion	Ratio	Lower	Upper
237	100		
235	55.6	44.5	84.5
272	22.2	0.0	32.5

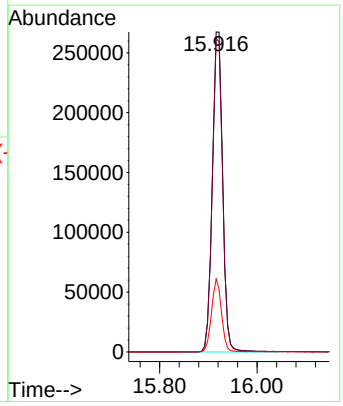




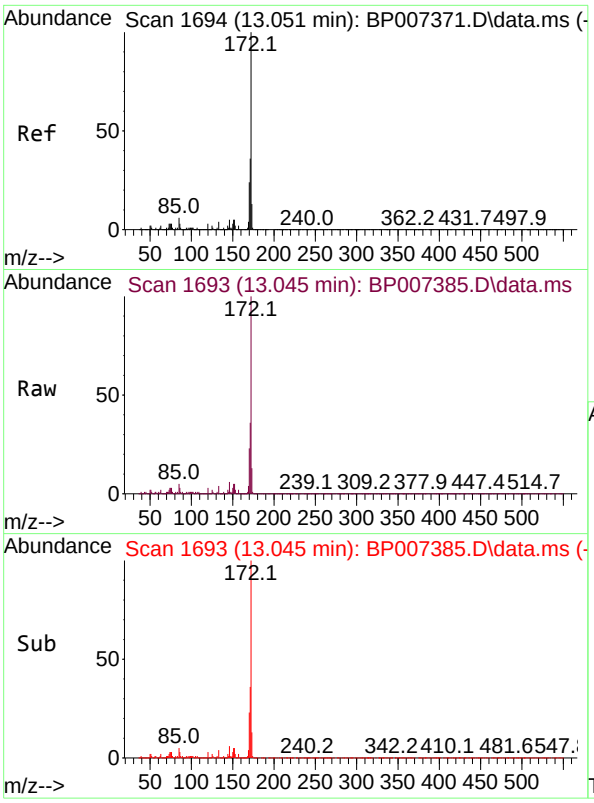
#42
2,4,6-Tribromophenol
Concen: 79.623 ng
RT: 15.916 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:330 Resp: 392887

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.8
141	21.9	25.4	38.2#



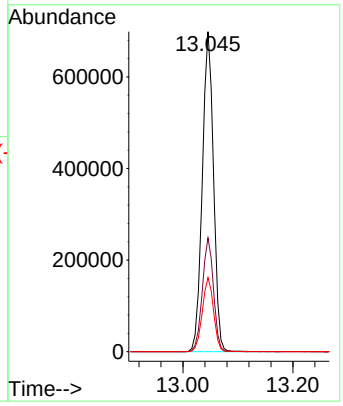
Instrument :
BNA_P
ClientSampleId :
CON-WALL

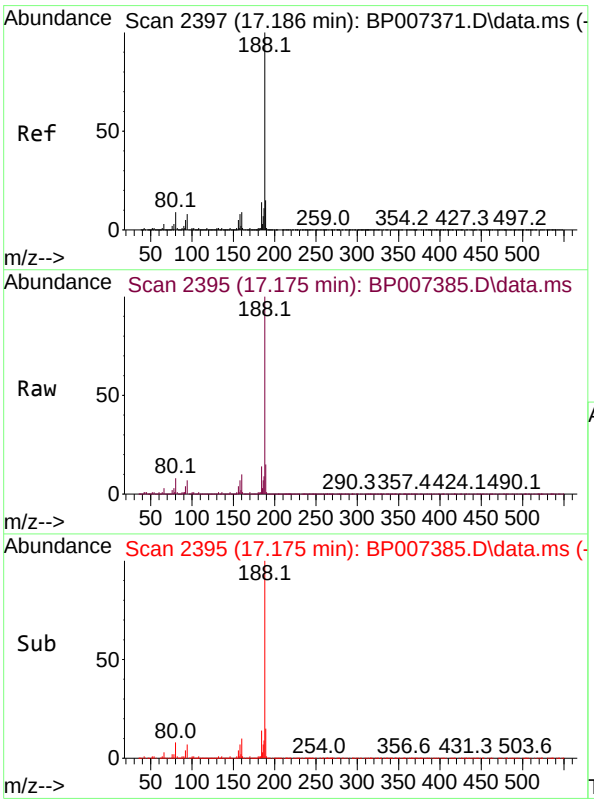


#45
2-Fluorobiphenyl
Concen: 45.897 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:172 Resp: 988071

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.1	18.6	27.8

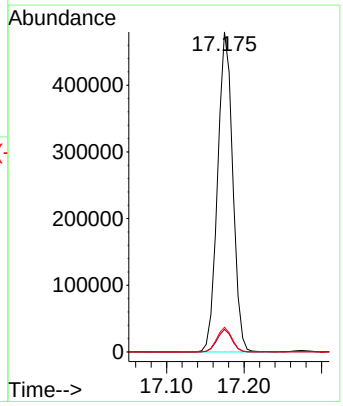




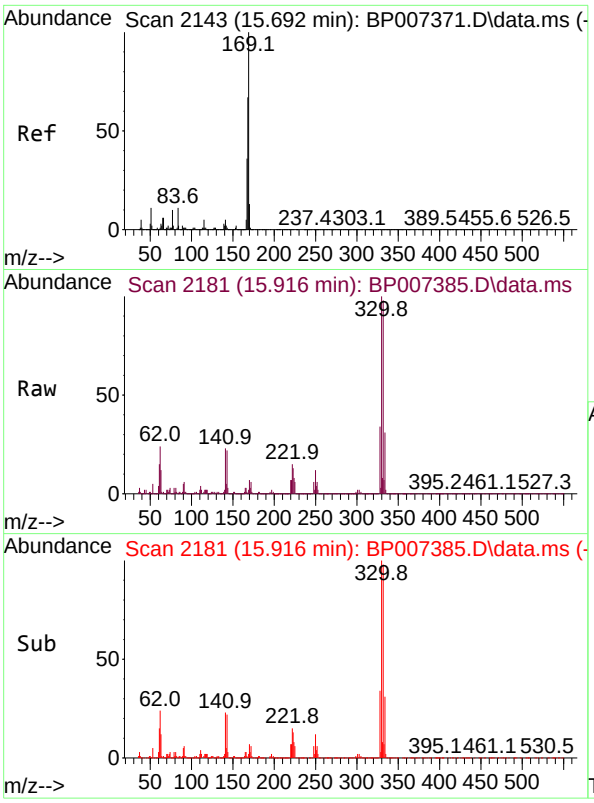
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:188 Resp: 651625

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.6	8.4
80	7.7	6.3	9.5



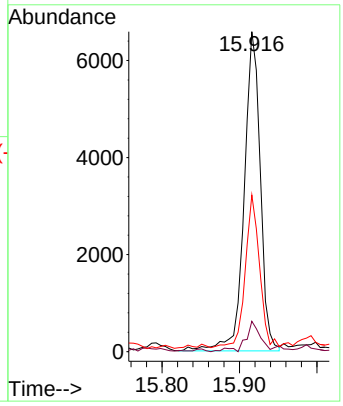
Instrument :
BNA_P
ClientSampleId :
CON-WALL

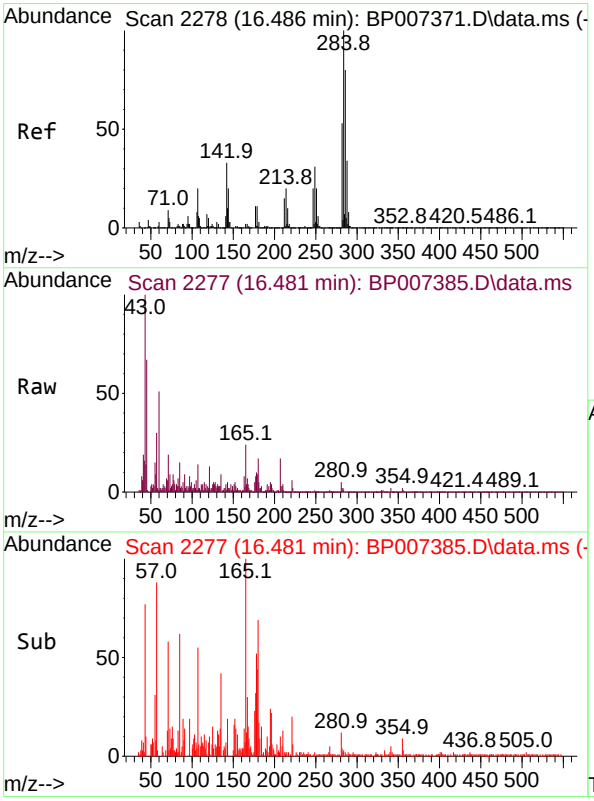


#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.916 min Scan# 2181
Delta R.T. 0.224 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:169 Resp: 9558

Ion	Ratio	Lower	Upper
169	100		
168	9.5	54.4	81.6#
167	58.5	29.0	43.6#

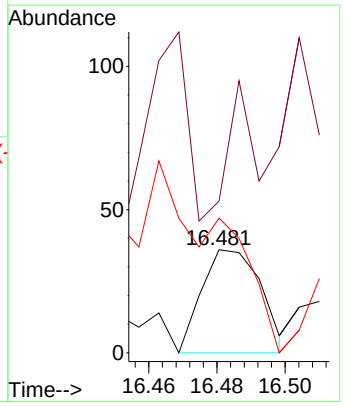




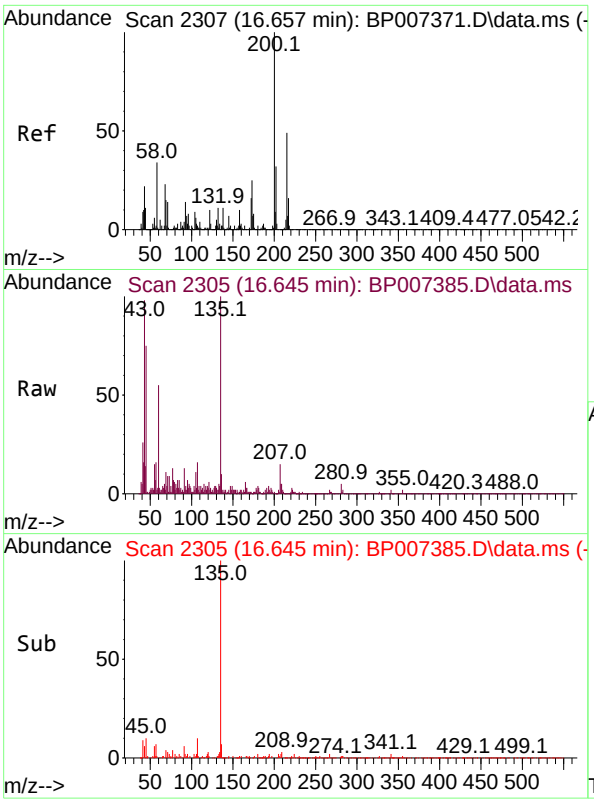
#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.481 min Scan# 2277
Delta R.T. -0.005 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:284 Resp: 43

Ion	Ratio	Lower	Upper
284	100		
142	147.2	26.9	40.3#
249	130.6	24.5	36.7#



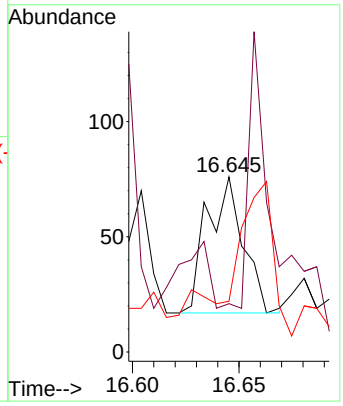
Instrument :
BNA_P
ClientSampleId :
CON-WALL

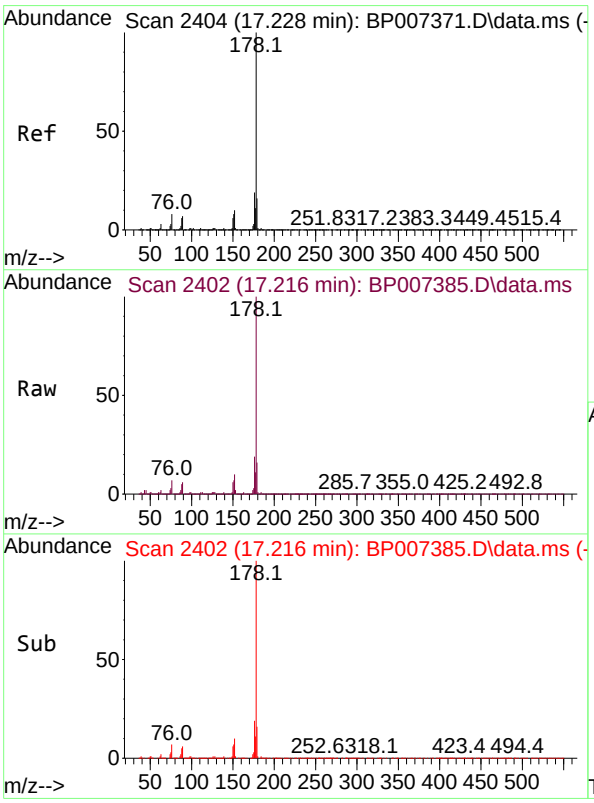


#69
Atrazine
Concen: Below Cal
RT: 16.645 min Scan# 2305
Delta R.T. -0.012 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:200 Resp: 70

Ion	Ratio	Lower	Upper
200	100		
173	27.6	4.1	44.1
215	28.9	27.7	67.7

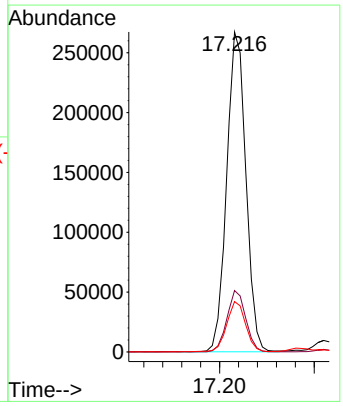




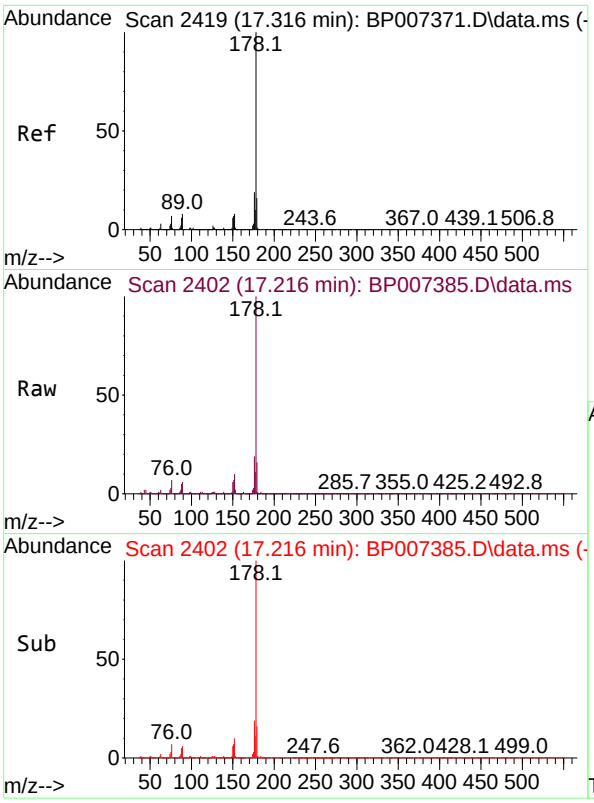
#71
Phenanthrene
Concen: 10.926 ng
RT: 17.216 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:178 Resp: 375981

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.7	12.4	18.6



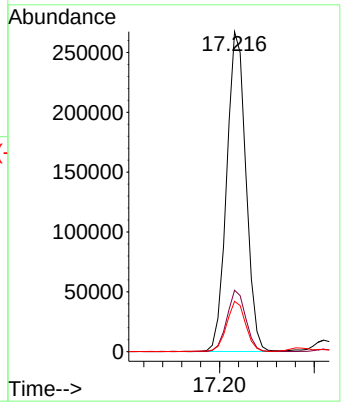
Instrument :
BNA_P
ClientSampleId :
CON-WALL

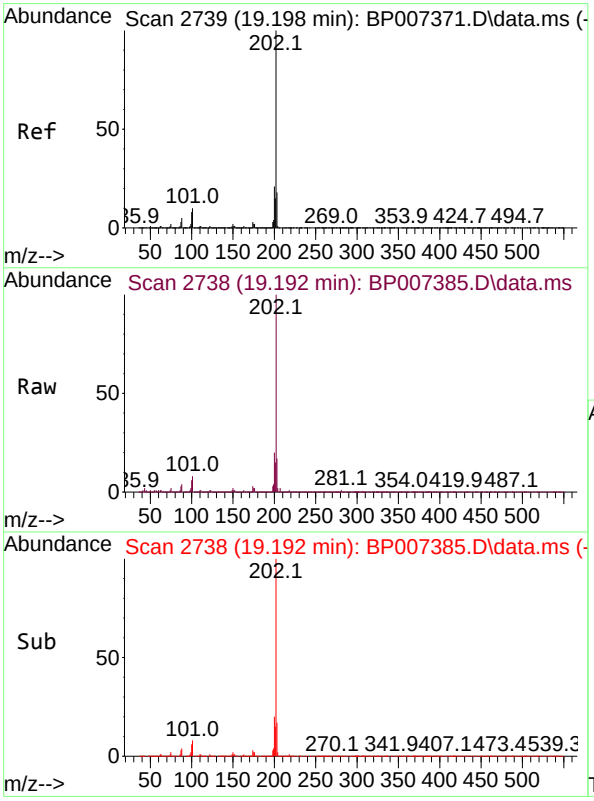


#72
Anthracene
Concen: 10.339 ng
RT: 17.216 min Scan# 2402
Delta R.T. -0.100 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:178 Resp: 375981

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	15.7	12.2	18.2

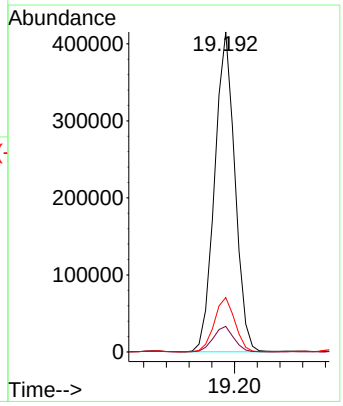




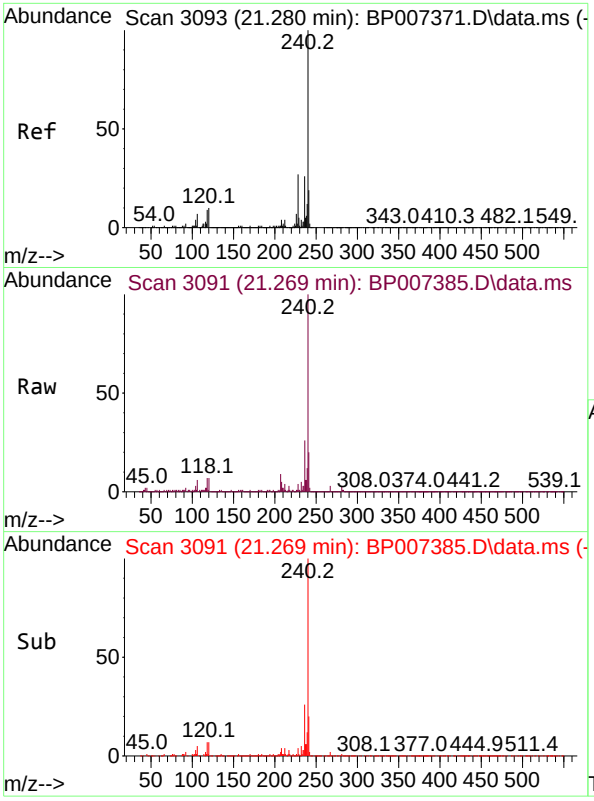
#75
Fluoranthene
Concen: 11.588 ng
RT: 19.192 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:202 Resp: 514240

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	27.6
203	17.0	0.0	37.8



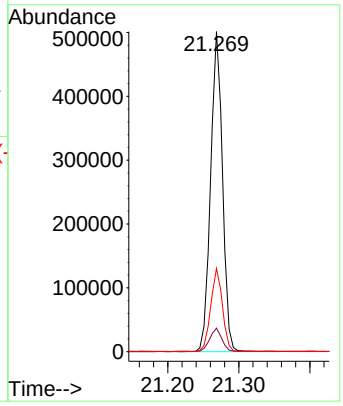
Instrument :
BNA_P
ClientSampleId :
CON-WALL

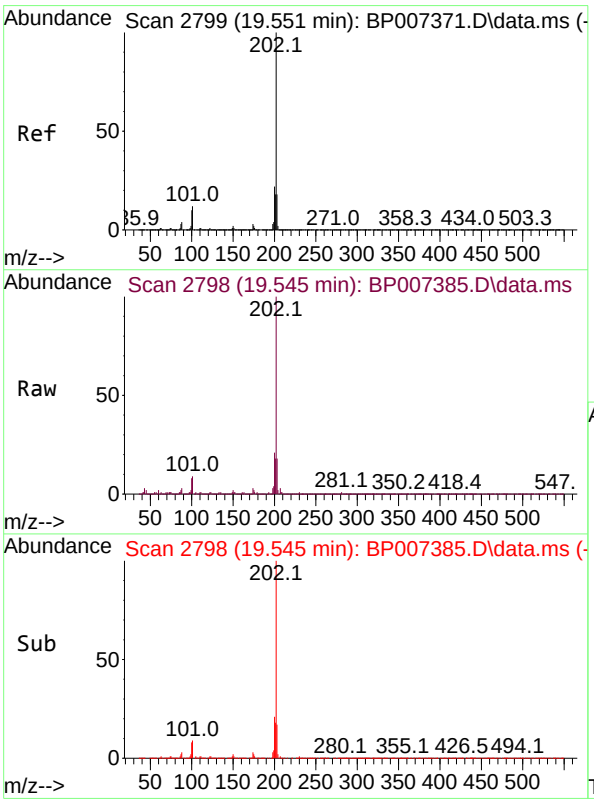


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.011 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:240 Resp: 581666

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.5	9.7
236	26.0	20.6	31.0

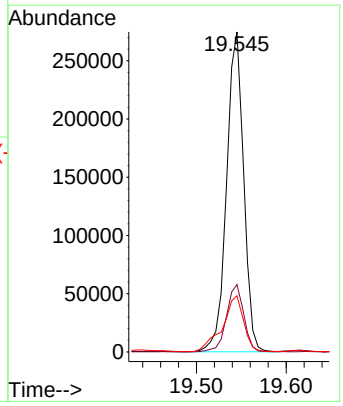


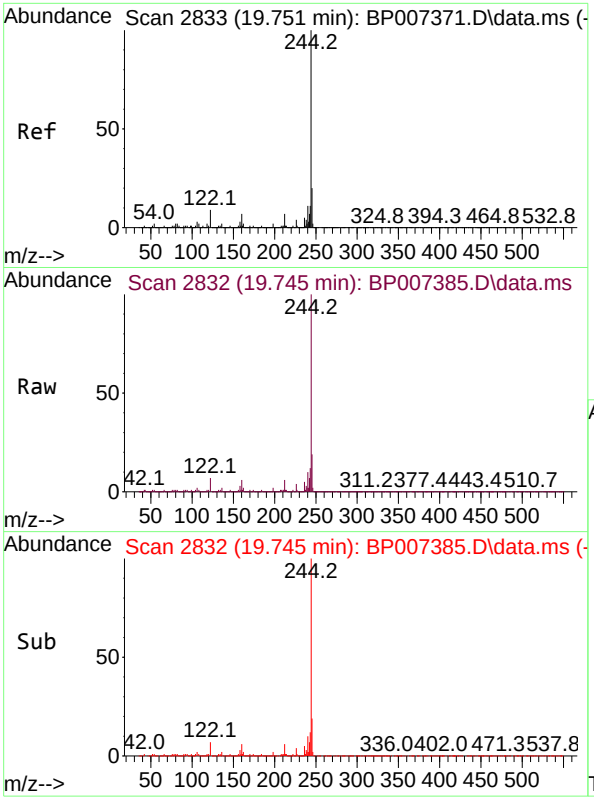


#78
Pyrene
Concen: 9.044 ng
RT: 19.545 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:202 Resp: 362241

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	17.5	14.2	21.2

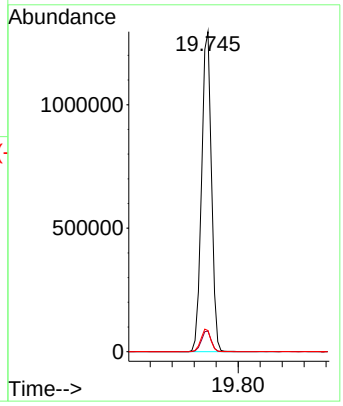




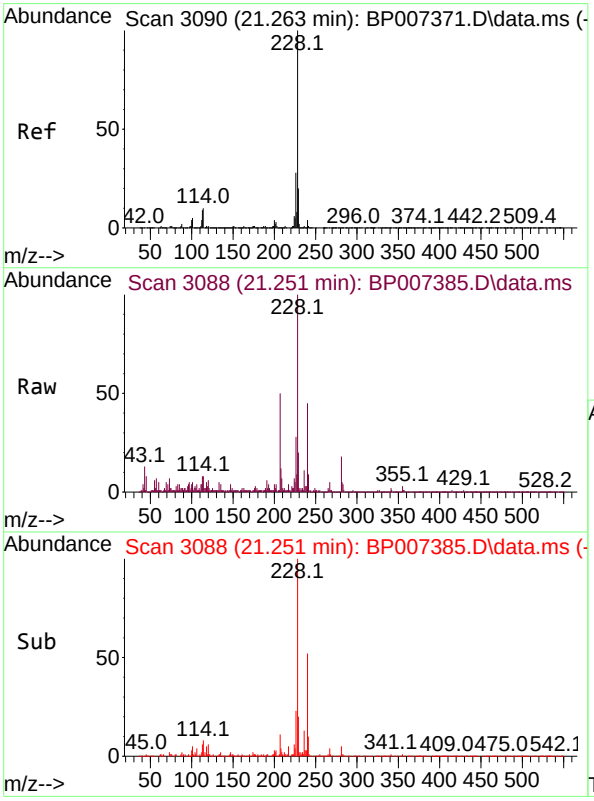
#79
Terphenyl-d14
Concen: 48.901 ng
RT: 19.745 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:244 Resp: 1612673

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	6.6	7.1	10.7#



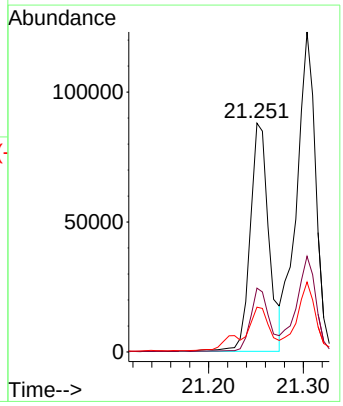
Instrument :
BNA_P
ClientSampleId :
CON-WALL



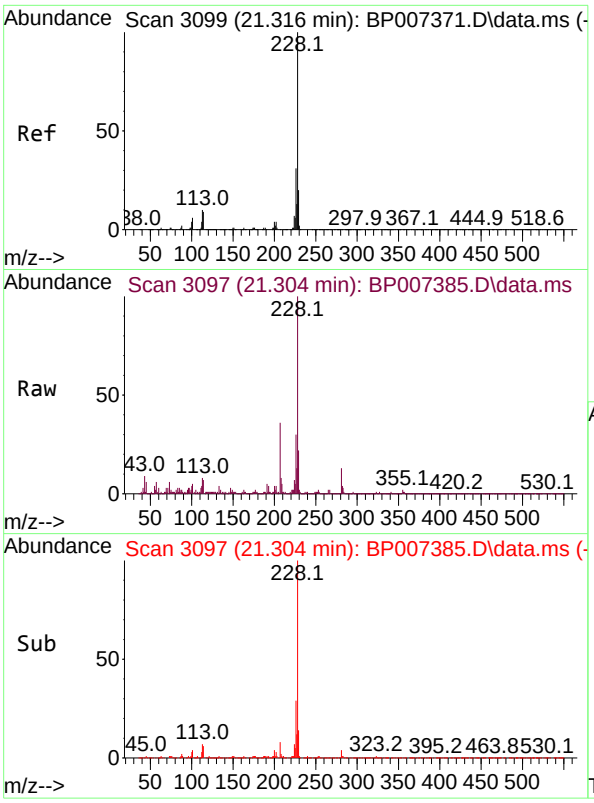
#81
Benzo(a)anthracene
Concen: 3.216 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.012 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:228 Resp: 120857

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.6	32.4
229	19.6	15.8	23.6



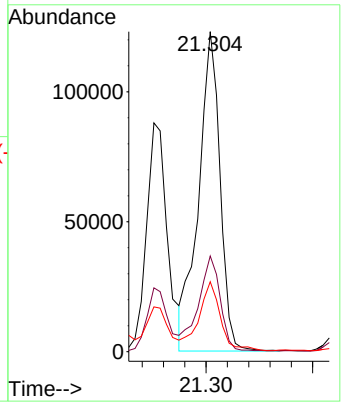
Instrument :
BNA_P
ClientSampleId :
CON-WALL

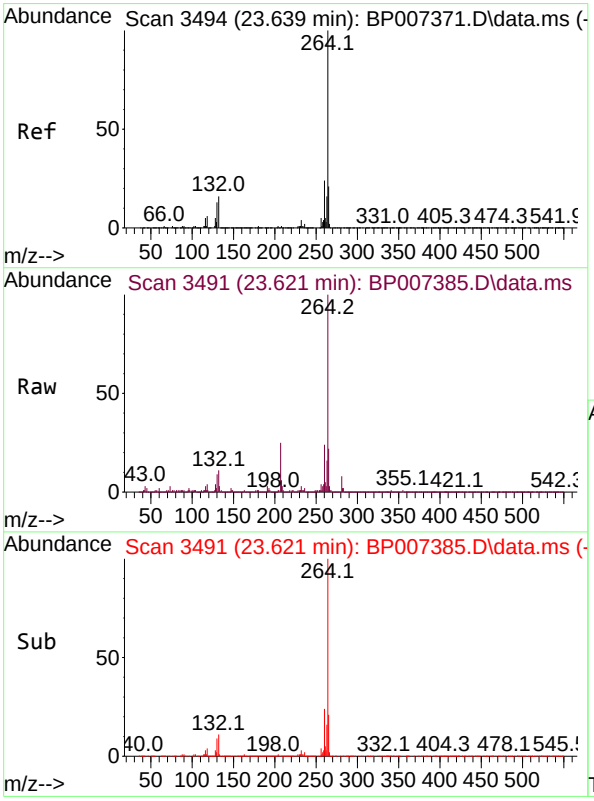


#83
Chrysene
Concen: 4.886 ng
RT: 21.304 min Scan# 3097
Delta R.T. -0.012 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:228 Resp: 172808

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	21.9	15.4	23.2

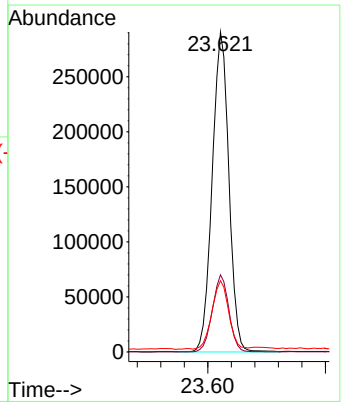




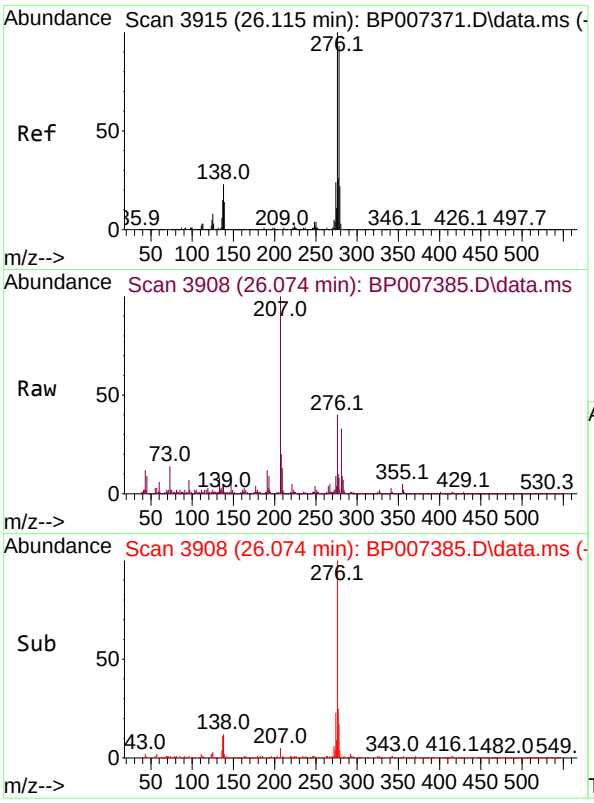
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.621 min Scan# 3491
Delta R.T. -0.018 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:264 Resp: 573114

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	22.3	17.6	26.4



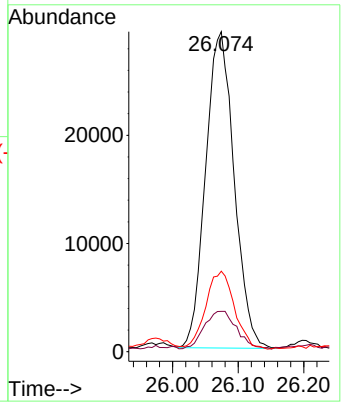
Instrument :
BNA_P
ClientSampleId :
CON-WALL

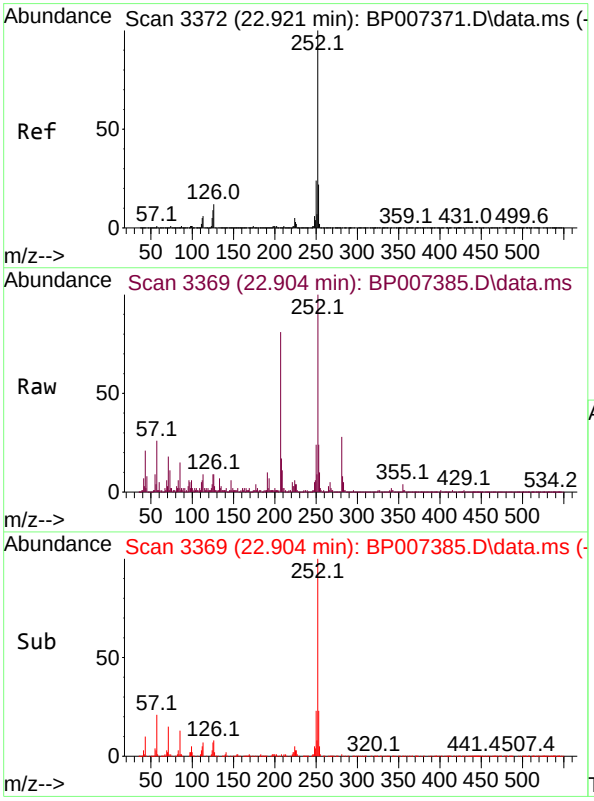


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.251 ng
RT: 26.074 min Scan# 3908
Delta R.T. -0.041 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:276 Resp: 88310

Ion	Ratio	Lower	Upper
276	100		
138	13.7	15.3	22.9#
277	24.9	20.4	30.6

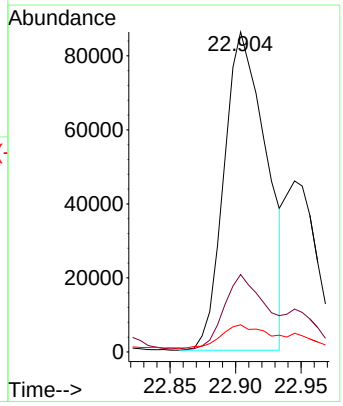




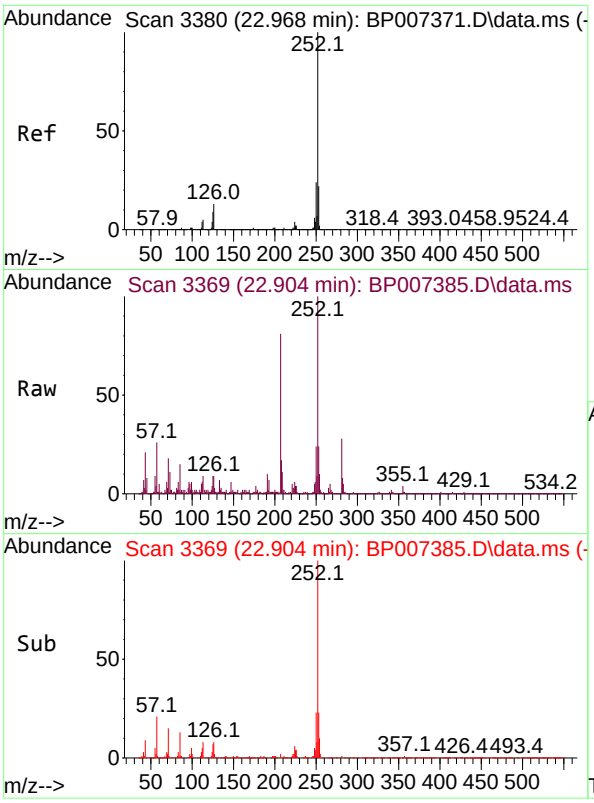
#88
Benzo(b)fluoranthene
Concen: 2.692 ng
RT: 22.904 min Scan# 3369
Delta R.T. -0.017 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:252 Resp: 192711

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	8.5	6.2	9.4



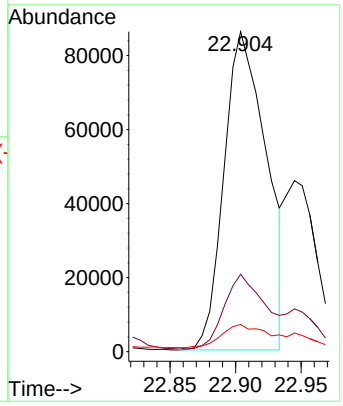
Instrument :
BNA_P
ClientSampleId :
CON-WALL

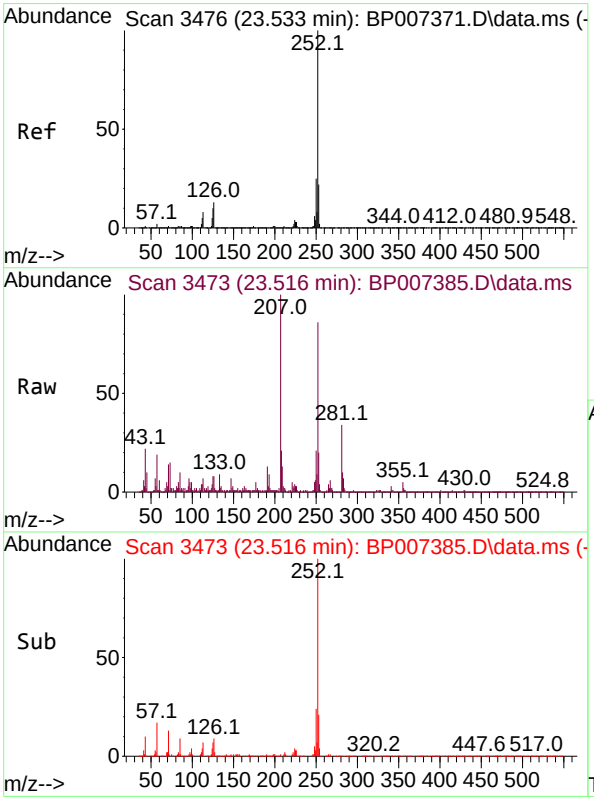


#89
Benzo(k)fluoranthene
Concen: 3.308 ng
RT: 22.904 min Scan# 3369
Delta R.T. -0.064 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:252 Resp: 192711

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.6	26.4
125	8.5	6.0	9.0

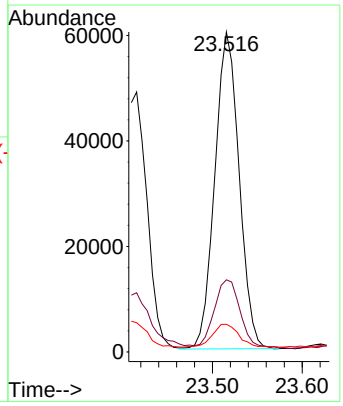


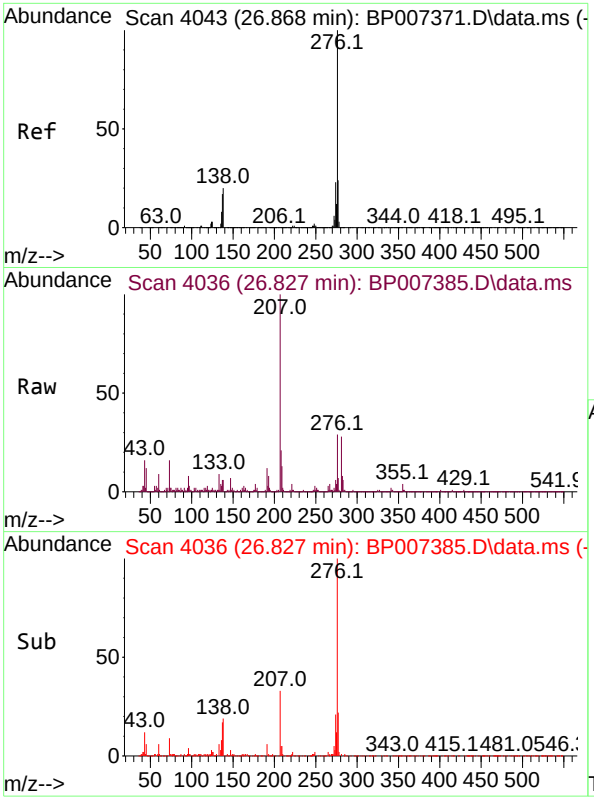


#90
Benzo(a)pyrene
Concen: 3.896 ng
RT: 23.516 min Scan# 3473
Delta R.T. -0.017 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:252 Resp: 112883

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	8.7	6.5	9.7

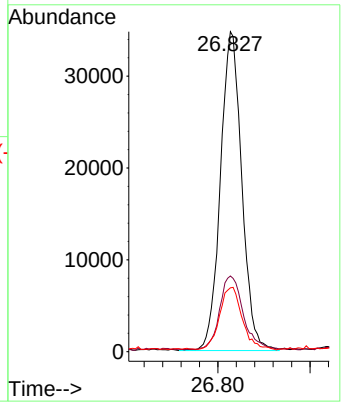




#92
Benzo(g,h,i)perylene
Concen: 3.630 ng
RT: 26.827 min Scan# 4036
Delta R.T. -0.041 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:276 Resp: 111540

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	20.0	12.6	18.8#



Instrument :
BNA_P
ClientSampleId :
CON-WALL