Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
Data File : BP007388.D
Acq On : 08 Oct 2021 23:16
Operator : CG/JU
Sample : M4112-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 2-SIDE

Quant Time: Oct 09 06:20:07 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	95229	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	393636	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	282320	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	897094	20.000	ng	-0.01
76) Chrysene-d12	21.269	240	580974	20.000	ng	#-0.01
86) Perylene-d12	23.615	264	591076	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	403890	69.885	ng	0.00
7) Phenol-d6	6.963	99	626318	80.722	ng	0.00
23) Nitrobenzene-d5	8.940	82	713539	106.759	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	251541	54.317	ng	-0.01
45) 2-Fluorobiphenyl	13.045	172	1238814	61.314	ng	0.00
79) Terphenyl-d14	19.745	244	2180481	66.197	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	79	Below Cal	#	1
10) Phenol	6.993	94	28096	3.787	ng	96
36) 4-Chloro-3-methylphenol	11.881	107	33	2.322	ng #	79
41) Hexachlorocyclopentadiene	12.598	237	22	6.060	ng	95
66) n-Nitrosodiphenylamine	15.628	169	189	Below Cal	#	1
68) Hexachlorobenzene	16.445	284	68	Below Cal	#	1
69) Atrazine	16.563	200	4860	Below Cal	#	39
71) Phenanthrene	17.216	178	521642	11.011	ng	99
72) Anthracene	17.216	178	521642	10.420	ng	100
75) Fluoranthene	19.192	202	415325	6.798	ng	99
78) Pyrene	19.539	202	293522	7.337	ng	99
81) Benzo(a)anthracene	21.251	228	77081	2.054	ng	99
83) Chrysene	21.304	228	142723	4.040	ng	97
89) Benzo(k)fluoranthene	22.898	252	169535	2.406	ng	97
90) Benzo(a)pyrene	23.510	252	91521	3.063	ng #	97
92) Benzo(g,h,i)perylene	26.821	276	68228	2.153	ng #	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
Data File : BP007388.D
Acq On : 08 Oct 2021 23:16
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2-SIDE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:35:55 2021
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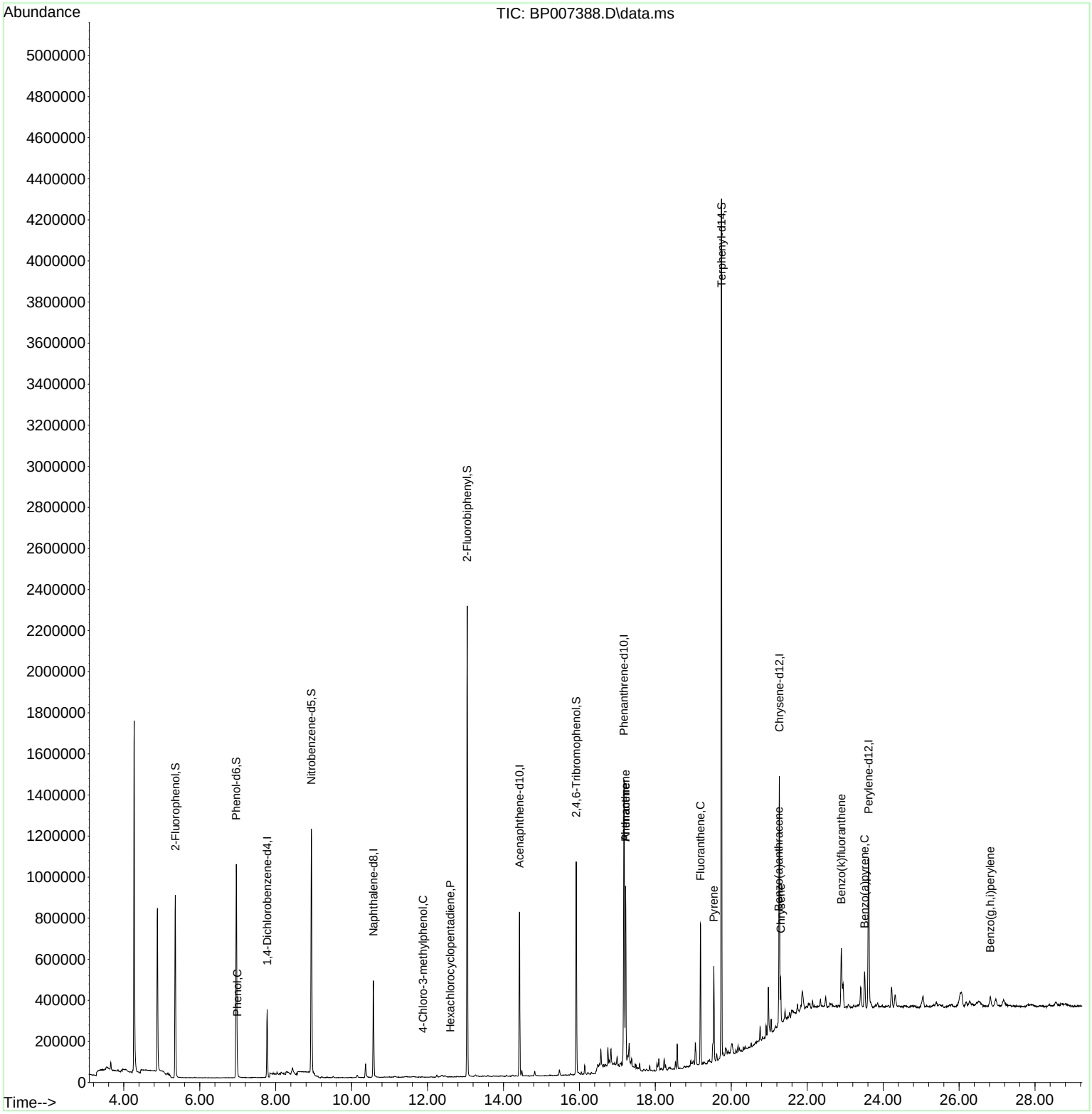
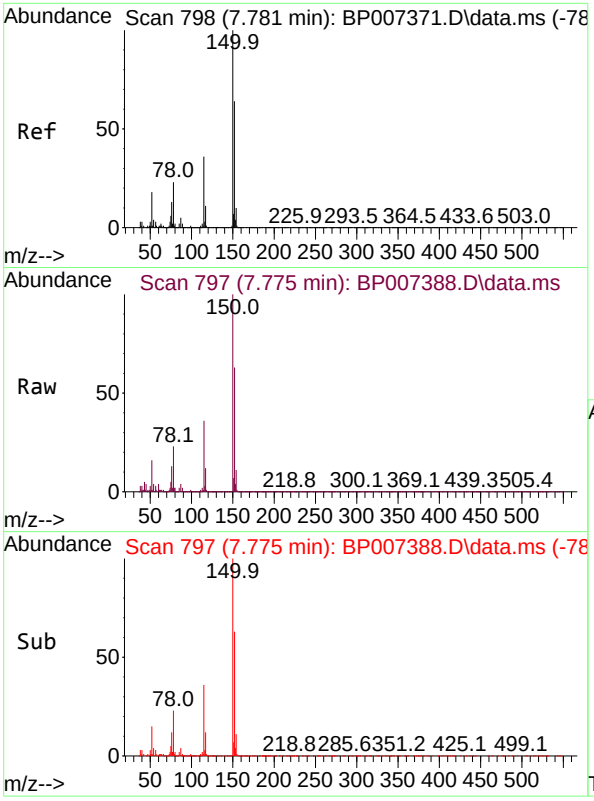
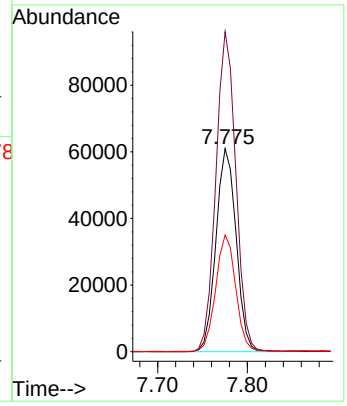




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:152 Resp: 95229

Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.6	188.4
115	57.5	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
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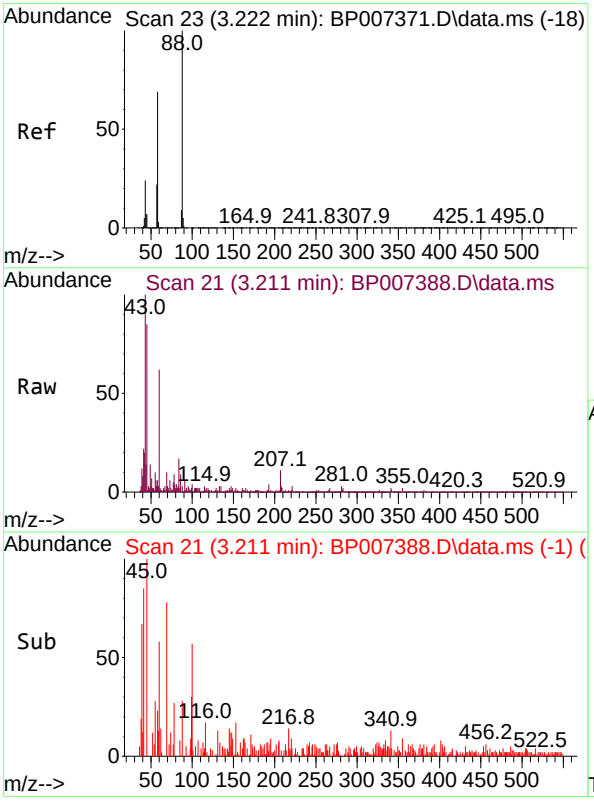
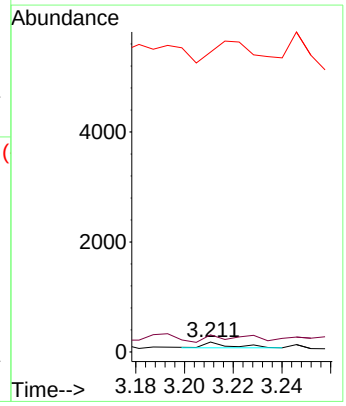


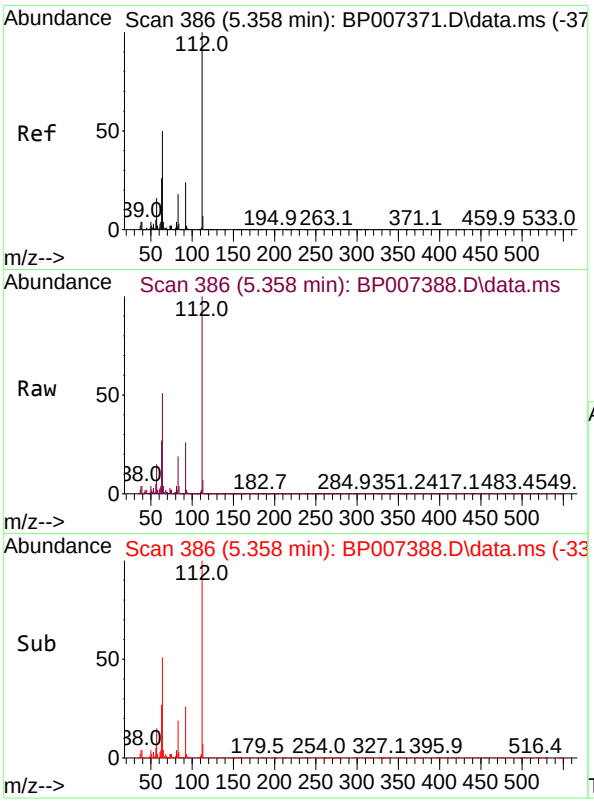
#2
1,4-Dioxane
Concen: Below Cal
RT: 3.211 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion: 88 Resp: 79

Ion	Ratio	Lower	Upper
88	100		
58	197.5	46.7	70.1#
43	0.0	20.3	30.5#



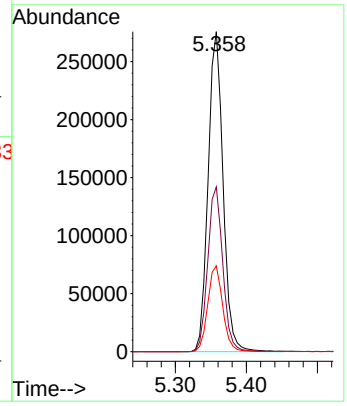
Instrument :
BNA_P
ClientSampleId :
2-SIDE

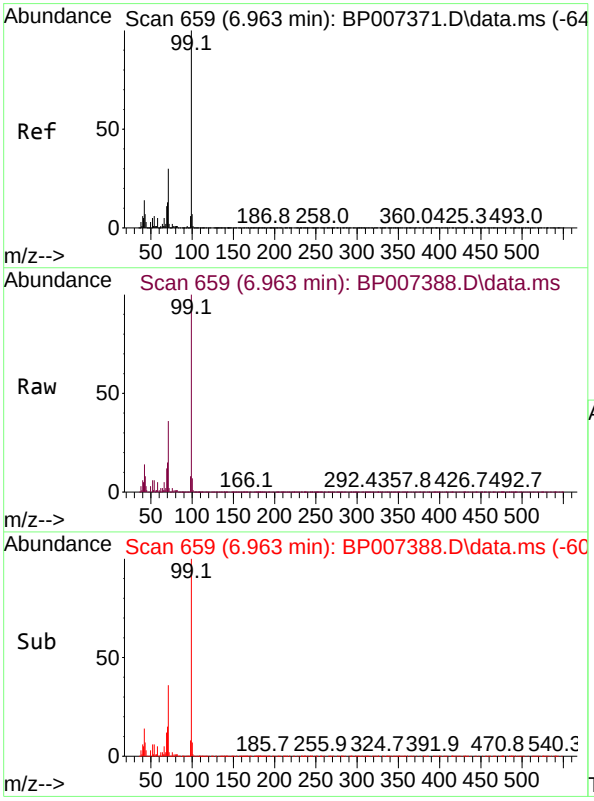


#5
2-Fluorophenol
Concen: 69.885 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:112 Resp: 403890

Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.4	62.2
63	26.9	23.8	35.8

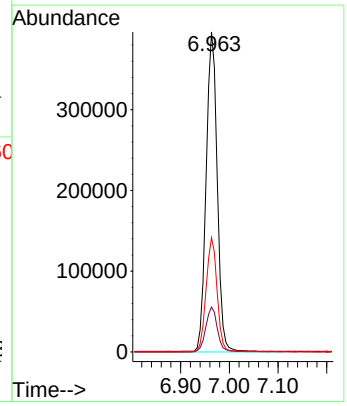




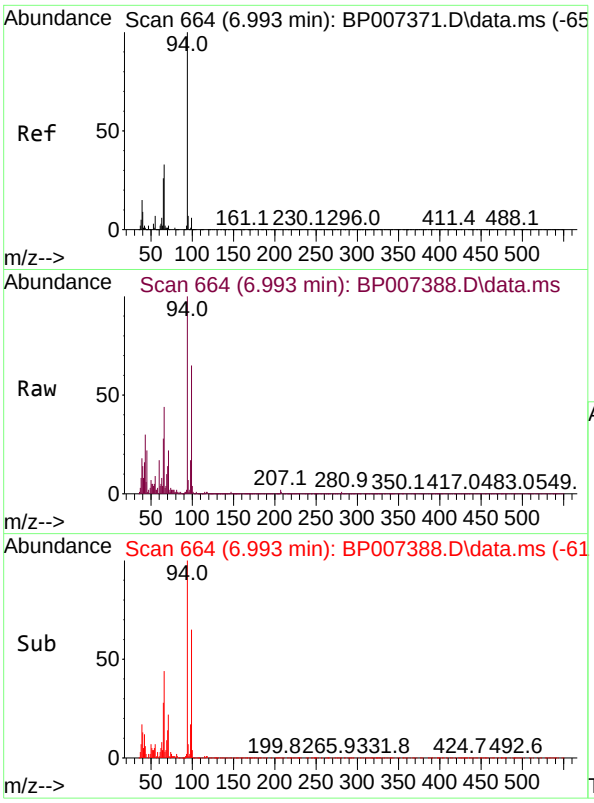
#7
Phenol-d6
Concen: 80.722 ng
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion: 99 Resp: 626318

Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.4	20.0
71	35.7	30.6	46.0



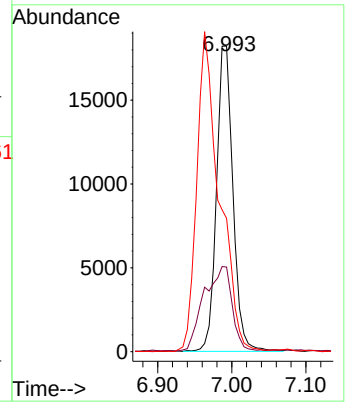
Instrument :
BNA_P
ClientSampleId :
2-SIDE

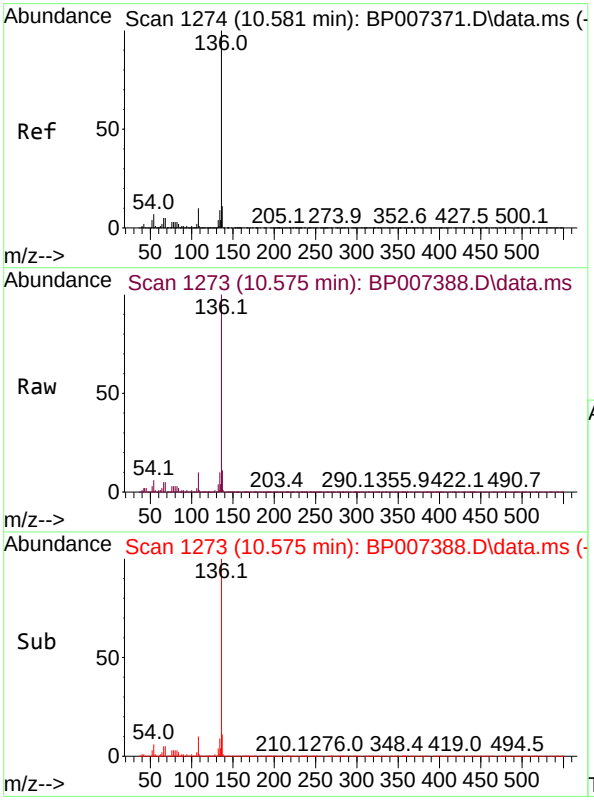


#10
Phenol
Concen: 3.787 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion: 94 Resp: 28096

Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.8	48.8
66	43.6	20.7	60.7

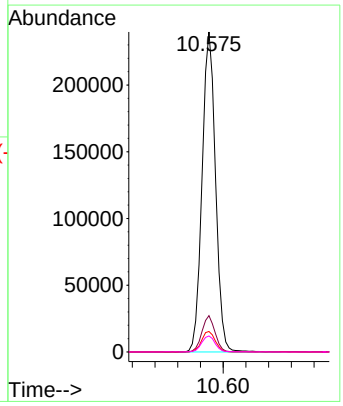




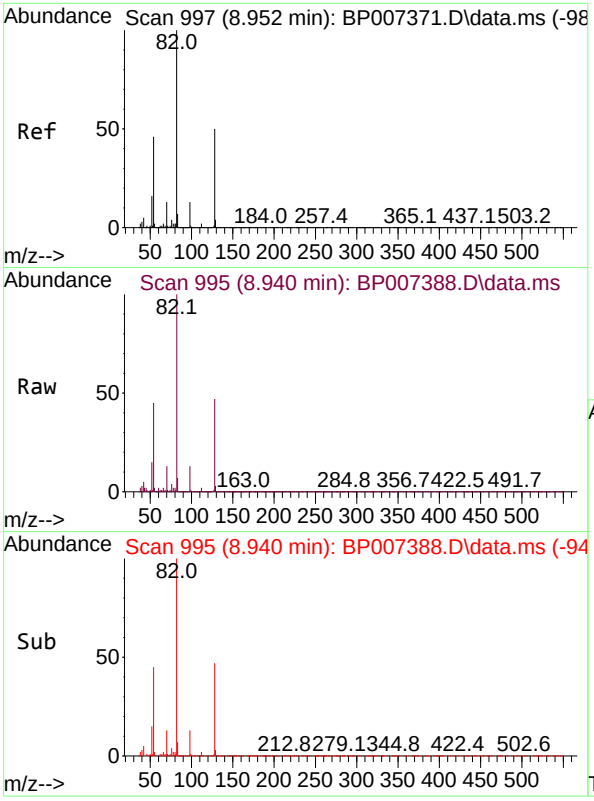
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:136 Resp: 393636

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	6.4	4.6	6.8
68	5.0	3.6	5.4



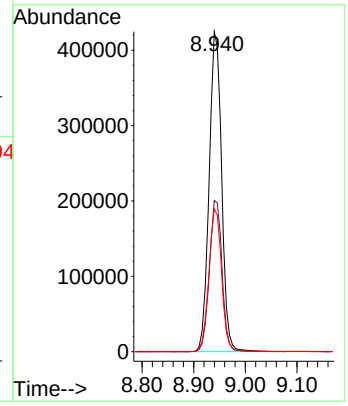
Instrument :
BNA_P
ClientSampleId :
2-SIDE

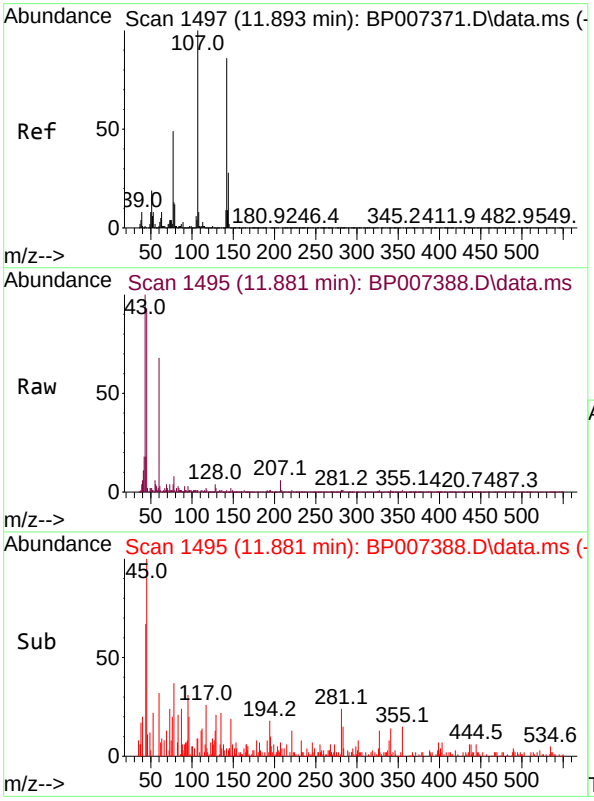


#23
Nitrobenzene-d5
Concen: 106.759 ng
RT: 8.940 min Scan# 995
Delta R.T. -0.012 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion: 82 Resp: 713539

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.7	53.5
54	44.6	35.0	52.4

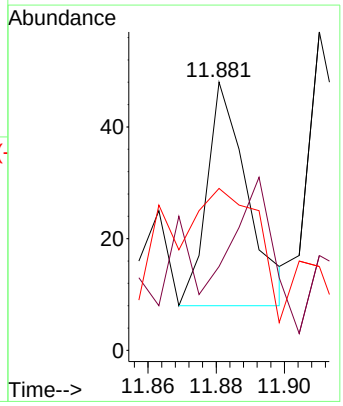




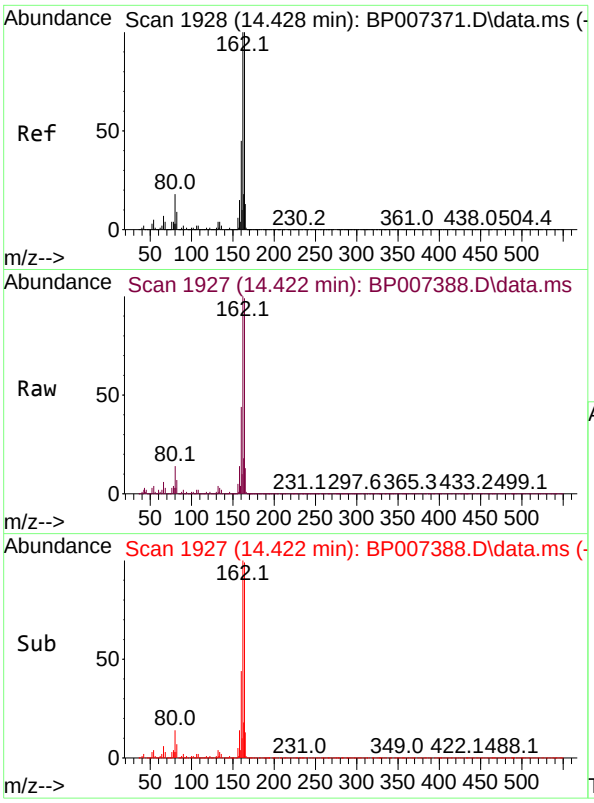
#36
4-Chloro-3-methylphenol
Concen: 2.322 ng
RT: 11.881 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:107 Resp: 33

Ion	Ratio	Lower	Upper
107	100		
144	31.3	21.1	31.7
142	60.4	66.0	99.0#



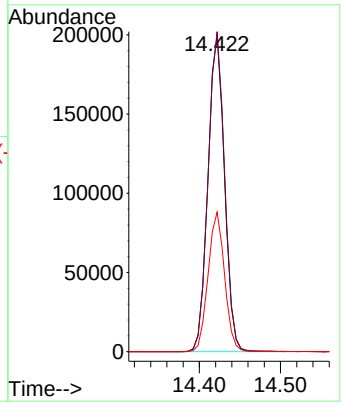
Instrument :
BNA_P
ClientSampleId :
2-SIDE

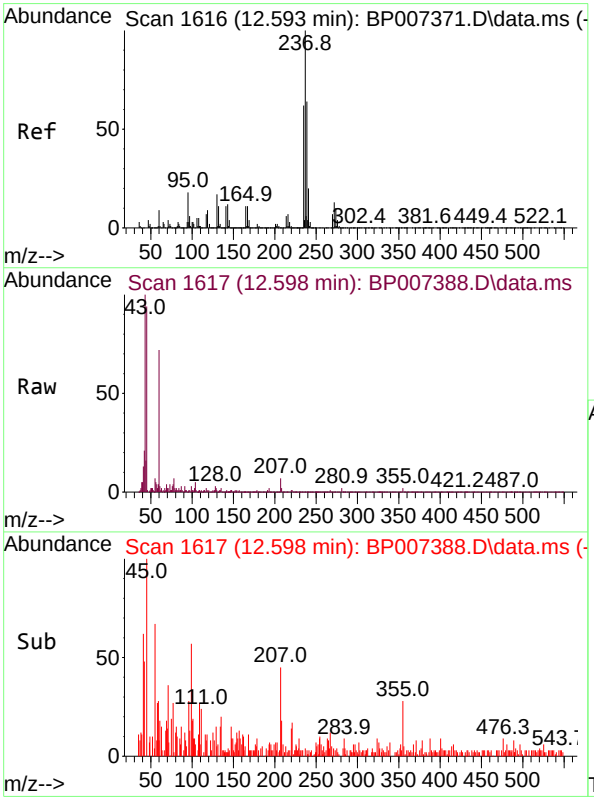


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:164 Resp: 282320

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	44.1	34.5	51.7

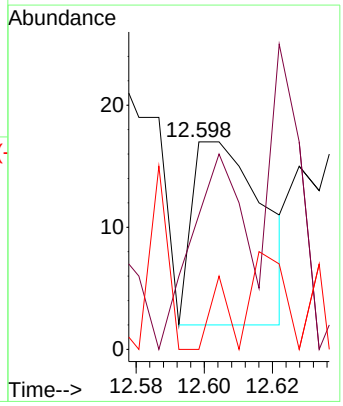




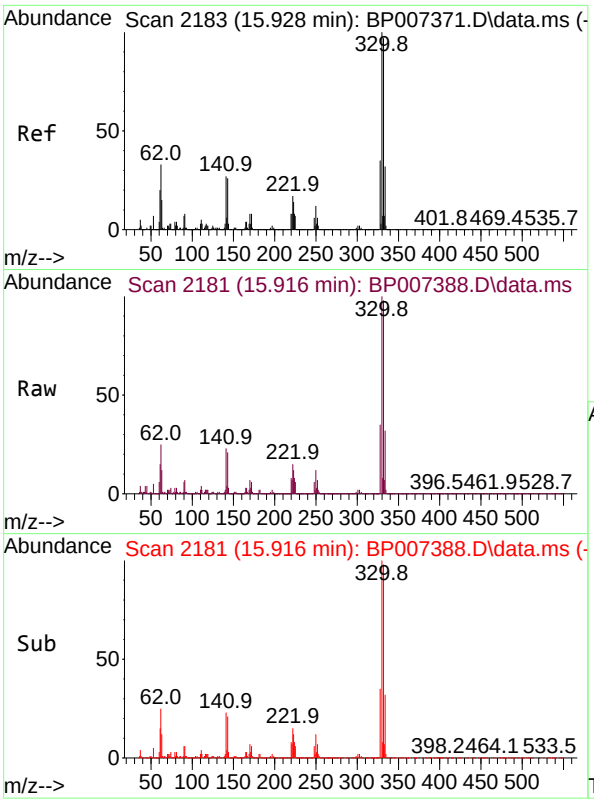
#41
Hexachlorocyclopentadiene
Concen: 6.060 ng
RT: 12.598 min Scan# 1617
Delta R.T. 0.005 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:237 Resp: 22

Ion	Ratio	Lower	Upper
237	100		
235	64.7	44.5	84.5
272	0.0	0.0	32.5



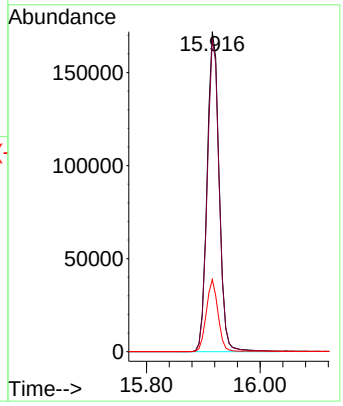
Instrument :
BNA_P
ClientSampleId :
2-SIDE

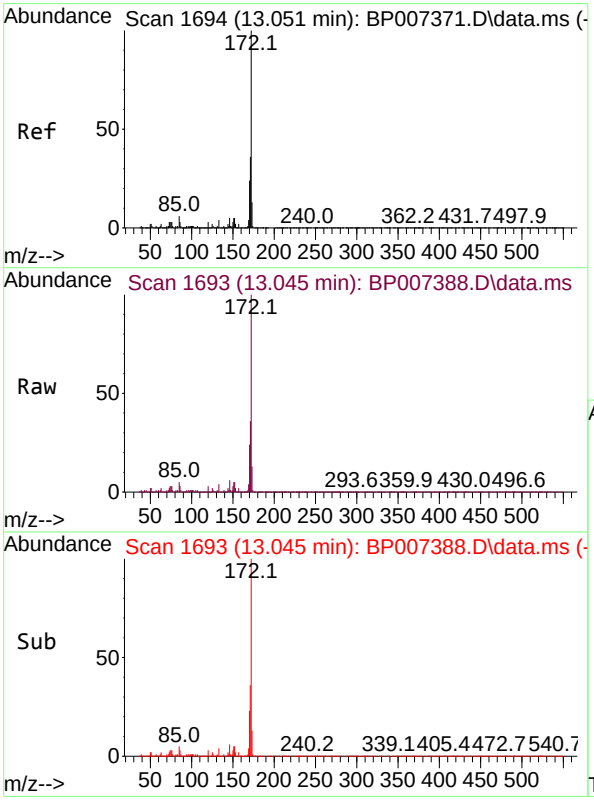


#42
2,4,6-Tribromophenol
Concen: 54.317 ng
RT: 15.916 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:330 Resp: 251541

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.8
141	21.7	25.4	38.2#

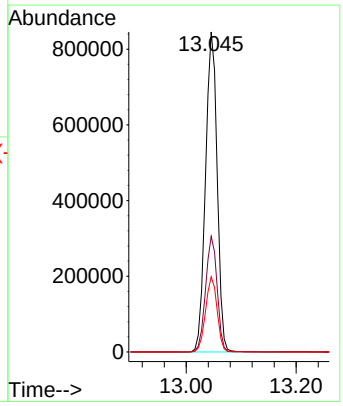




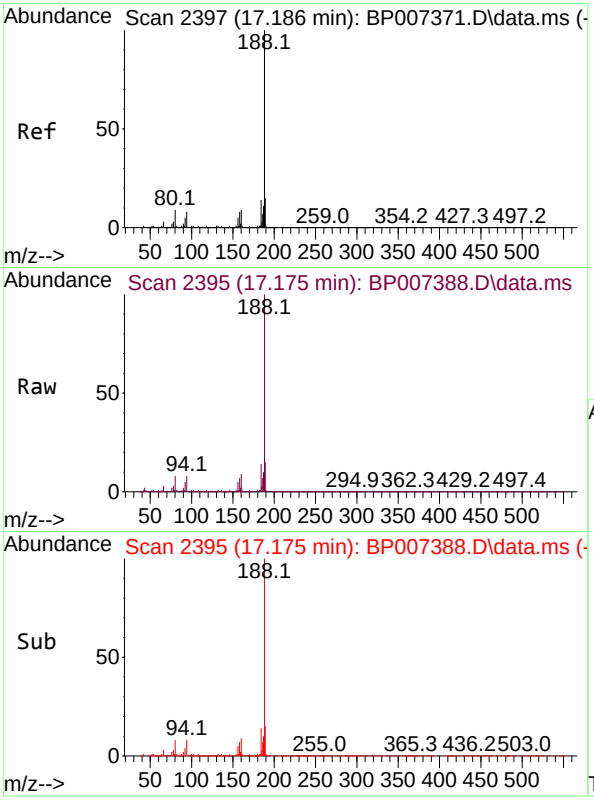
#45
2-Fluorobiphenyl
Concen: 61.314 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:172 Resp: 1238814

Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.9	41.9
170	23.5	18.6	27.8



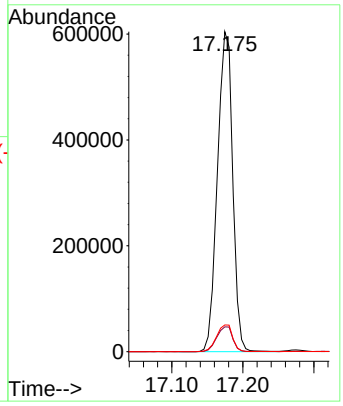
Instrument :
BNA_P
ClientSampleId :
2-SIDE

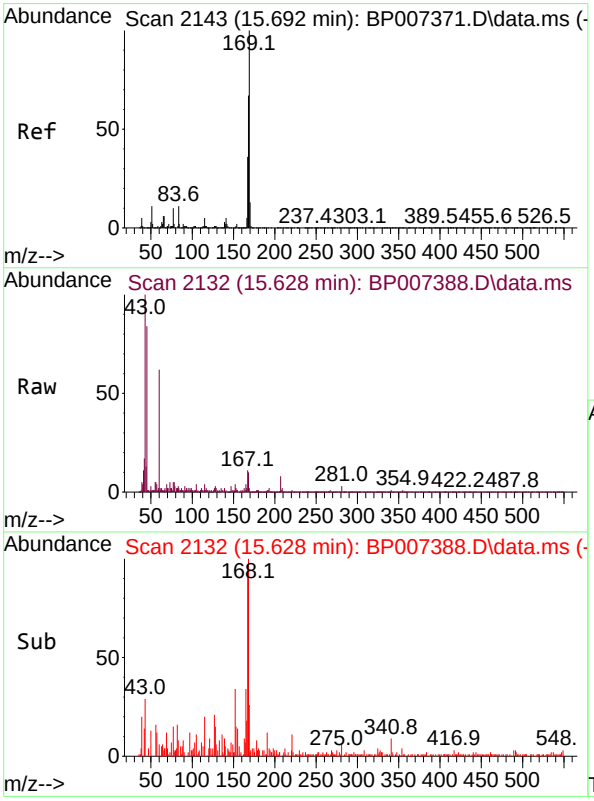


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:188 Resp: 897094

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.6	8.4
80	8.4	6.3	9.5

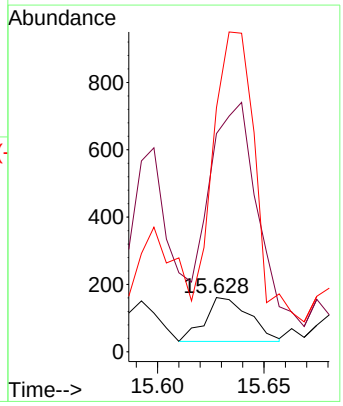




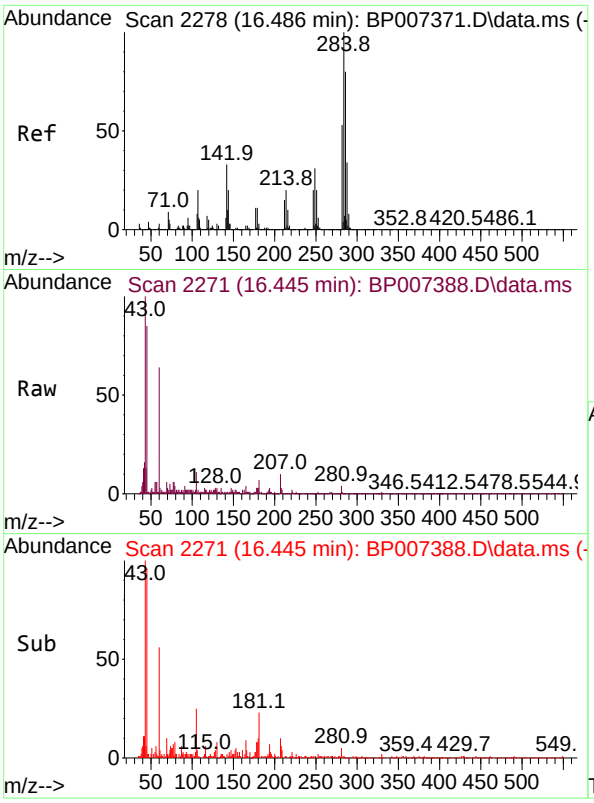
#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.628 min Scan# 2132
Delta R.T. -0.064 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:169 Resp: 189

Ion	Ratio	Lower	Upper
169	100		
168	402.5	54.4	81.6#
167	450.3	29.0	43.6#



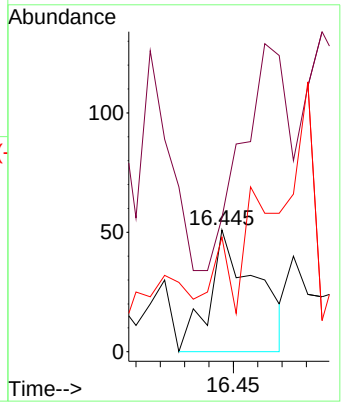
Instrument :
BNA_P
ClientSampleId :
2-SIDE

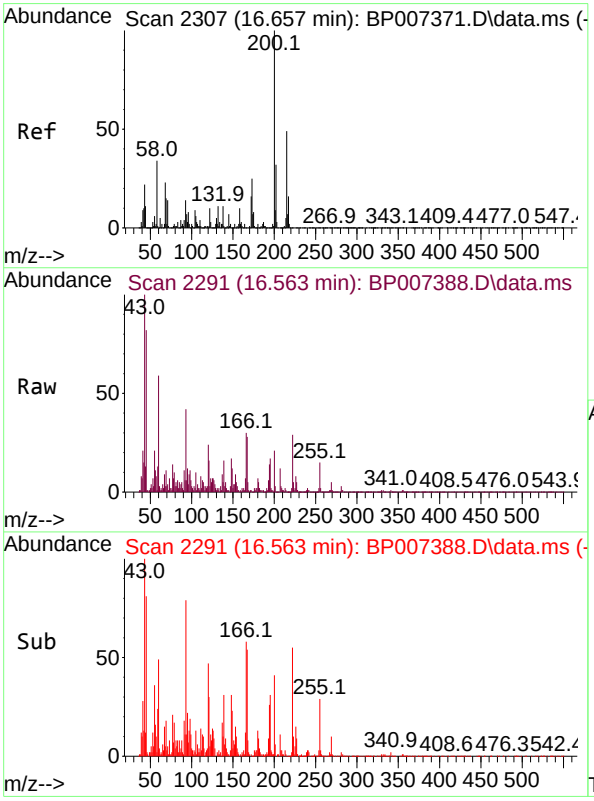


#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.445 min Scan# 2271
Delta R.T. -0.041 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:284 Resp: 68

Ion	Ratio	Lower	Upper
284	100		
142	109.8	26.9	40.3#
249	94.1	24.5	36.7#

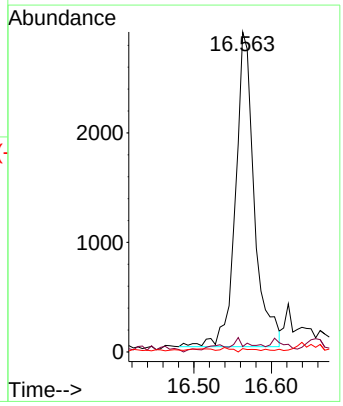


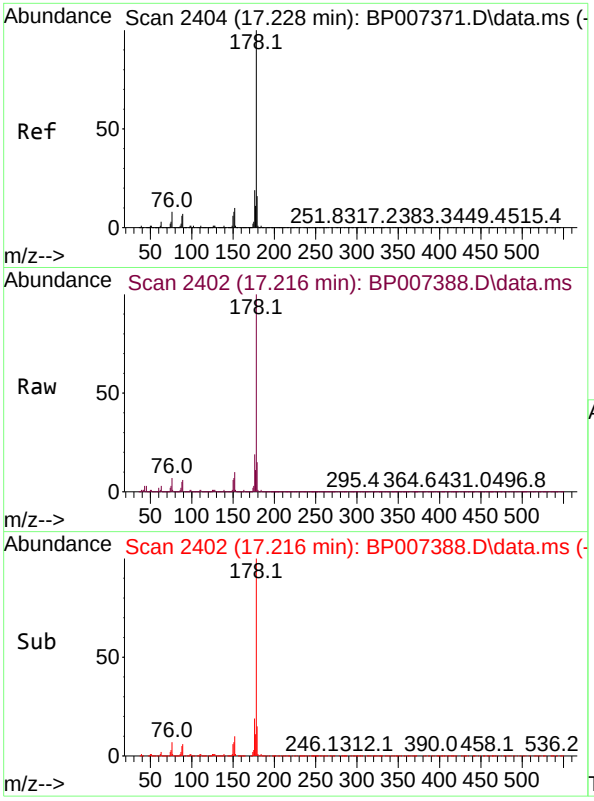


#69
Atrazine
Concen: Below Cal
RT: 16.563 min Scan# 2291
Delta R.T. -0.094 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:200 Resp: 4860

Ion	Ratio	Lower	Upper
200	100		
173	1.7	4.1	44.1#
215	1.0	27.7	67.7#

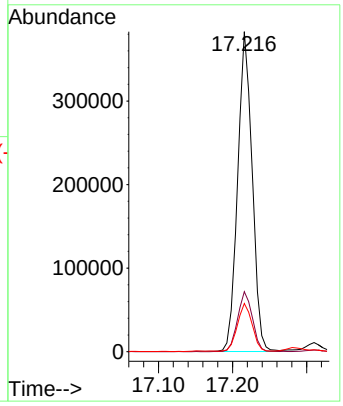




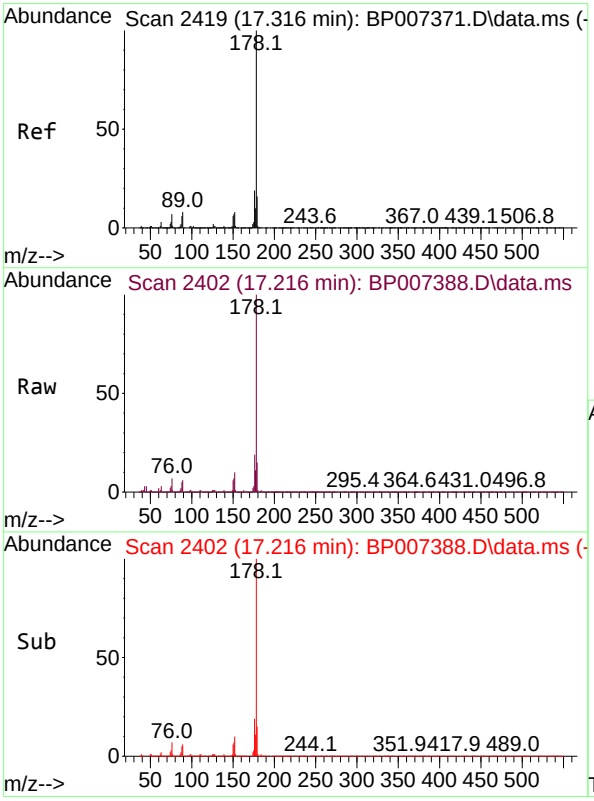
#71
Phenanthrene
Concen: 11.011 ng
RT: 17.216 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:178 Resp: 521642

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.1	12.4	18.6



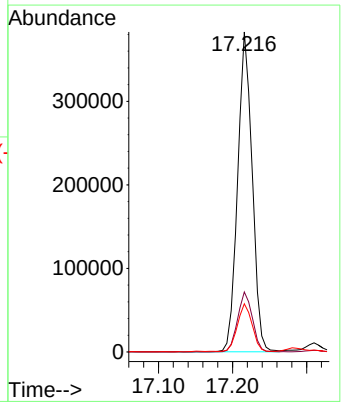
Instrument :
BNA_P
ClientSampleId :
2-SIDE



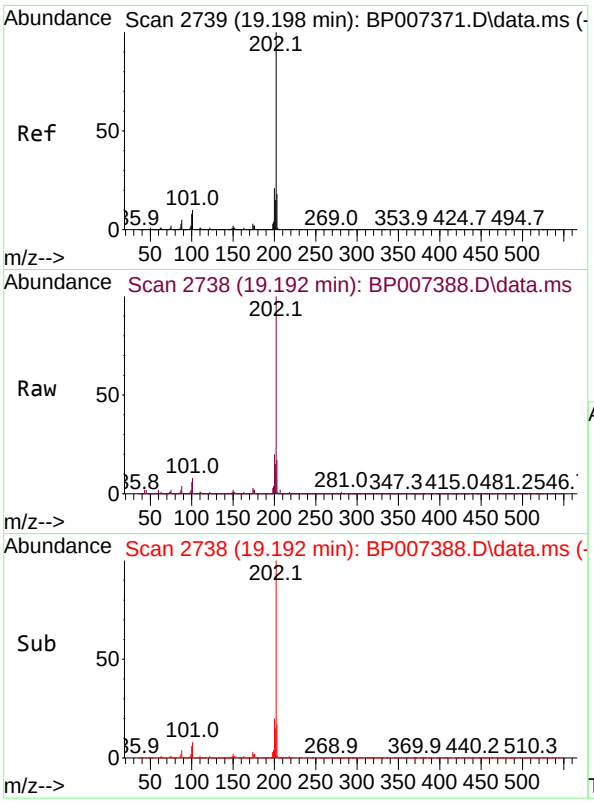
#72
Anthracene
Concen: 10.420 ng
RT: 17.216 min Scan# 2402
Delta R.T. -0.100 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:178 Resp: 521642

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.1	12.2	18.2



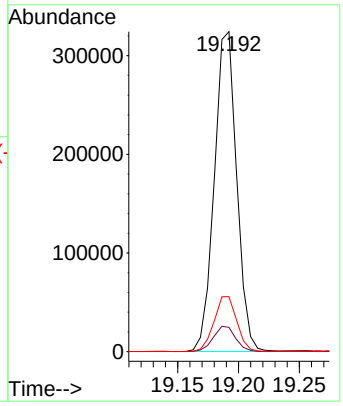
Instrument :
BNA_P
ClientSampleId :
2-SIDE

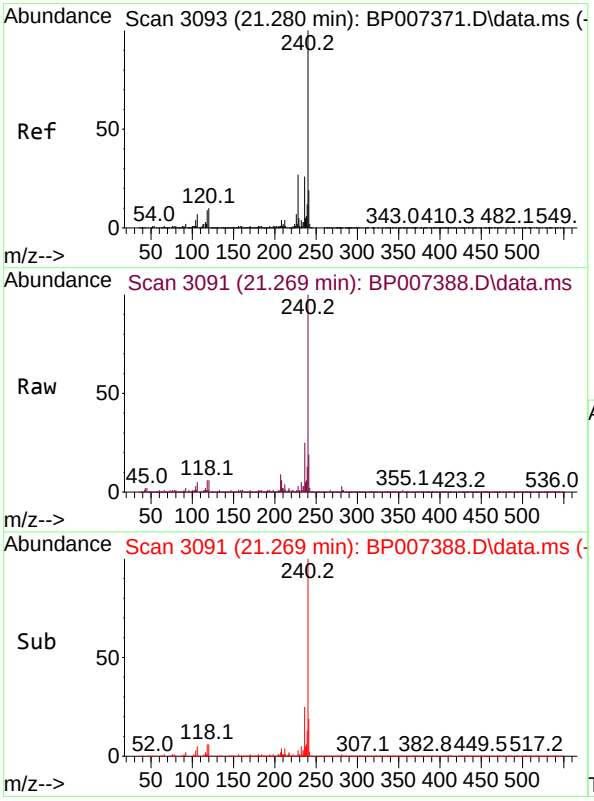


#75
Fluoranthene
Concen: 6.798 ng
RT: 19.192 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:202 Resp: 415325

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	27.6
203	17.2	0.0	37.8

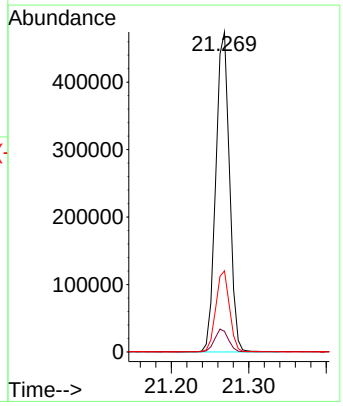


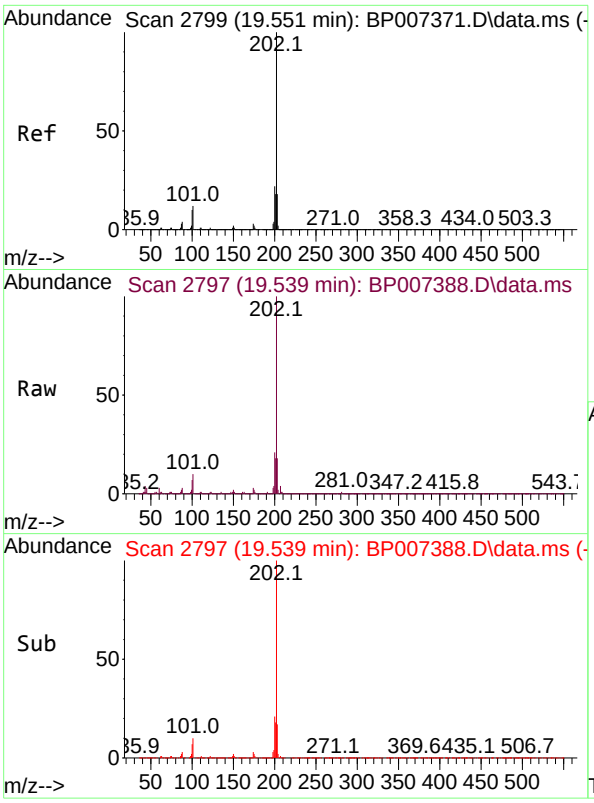


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.011 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:240 Resp: 580974

Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.5	9.7#
236	25.3	20.6	31.0

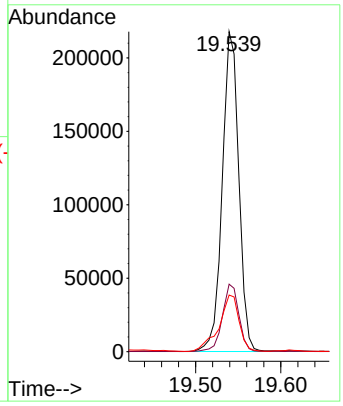




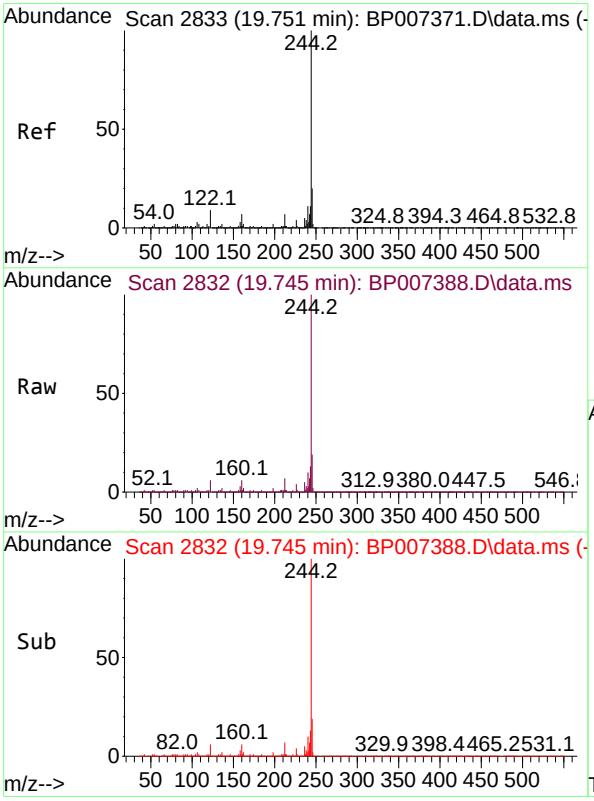
#78
Pyrene
Concen: 7.337 ng
RT: 19.539 min Scan# 2797
Delta R.T. -0.012 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:202 Resp: 293522

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	17.7	14.2	21.2



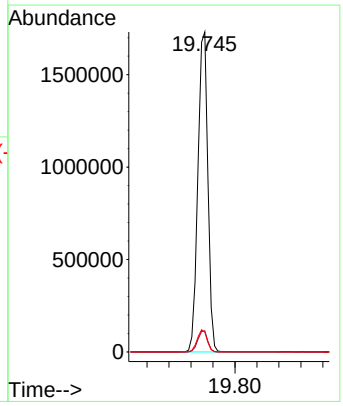
Instrument :
BNA_P
ClientSampleId :
2-SIDE



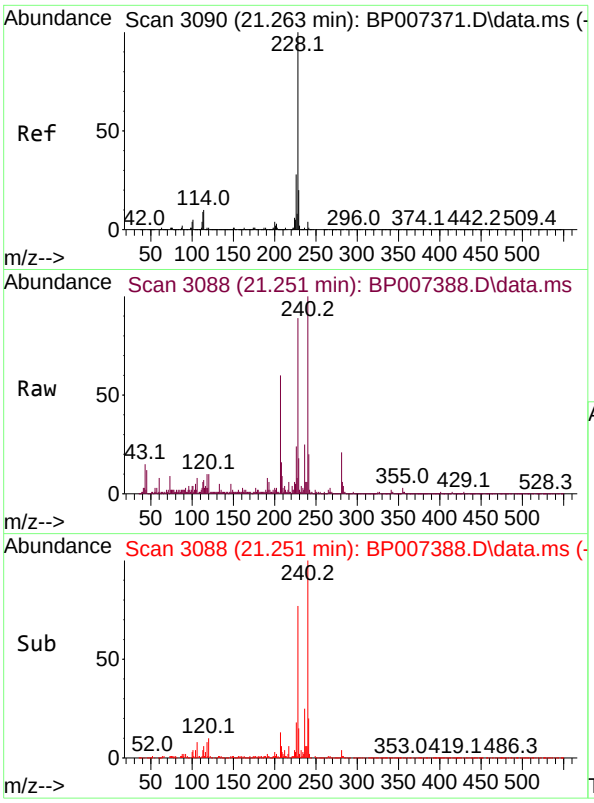
#79
Terphenyl-d14
Concen: 66.197 ng
RT: 19.745 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:244 Resp: 2180481

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	6.2	7.1	10.7#



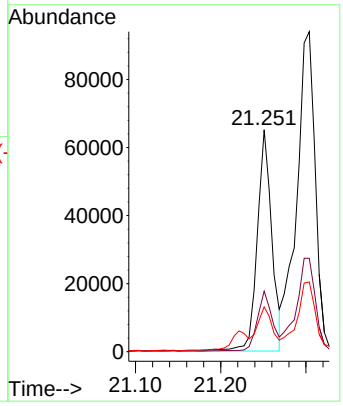
Instrument :
BNA_P
ClientSampleId :
2-SIDE

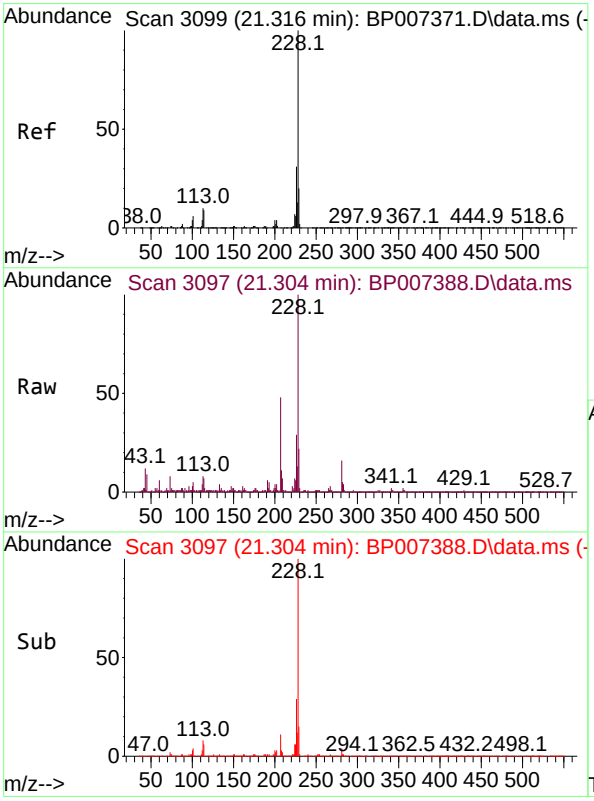


#81
Benzo(a)anthracene
Concen: 2.054 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.012 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:228 Resp: 77081

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.6	32.4
229	20.2	15.8	23.6

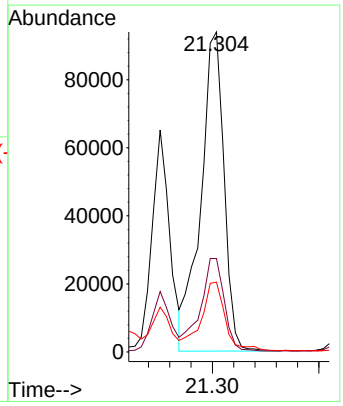


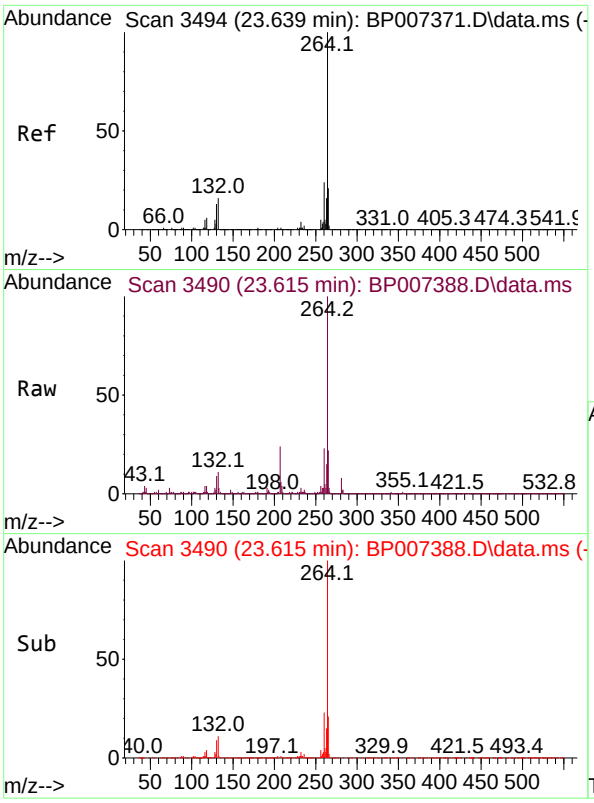


#83
Chrysene
Concen: 4.040 ng
RT: 21.304 min Scan# 3097
Delta R.T. -0.012 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:228 Resp: 142723

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.6
229	21.8	15.4	23.2

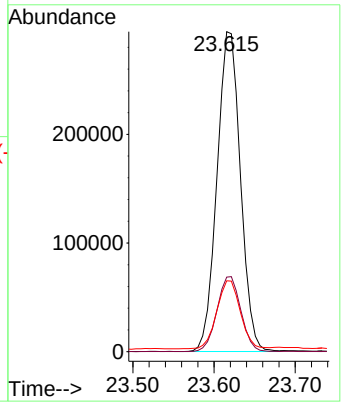




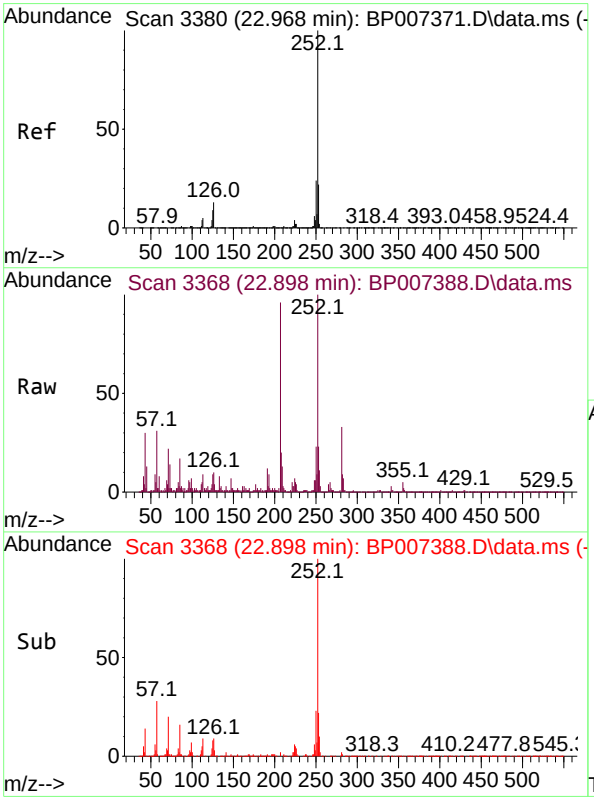
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.615 min Scan# 3490
Delta R.T. -0.024 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:264 Resp: 591076

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.2	17.6	26.4



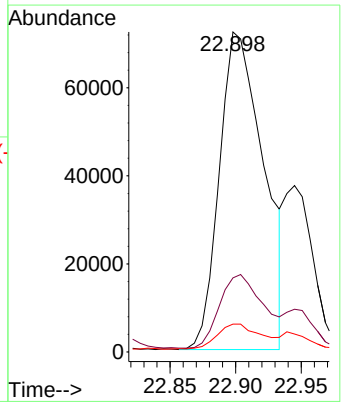
Instrument :
BNA_P
ClientSampleId :
2-SIDE



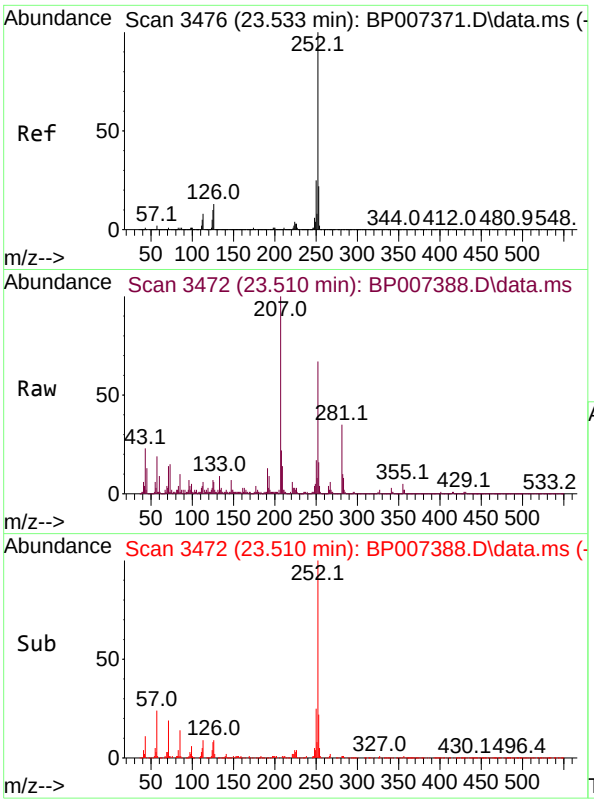
#89
Benzo(k)fluoranthene
Concen: 2.406 ng
RT: 22.898 min Scan# 3368
Delta R.T. -0.070 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:252 Resp: 169535

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	8.7	6.0	9.0



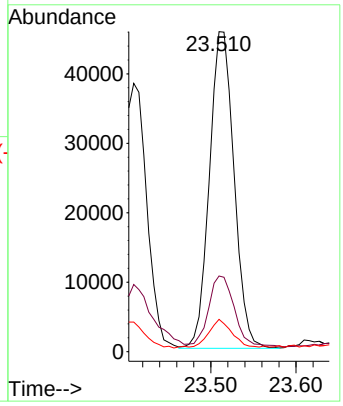
Instrument :
BNA_P
ClientSampleId :
2-SIDE

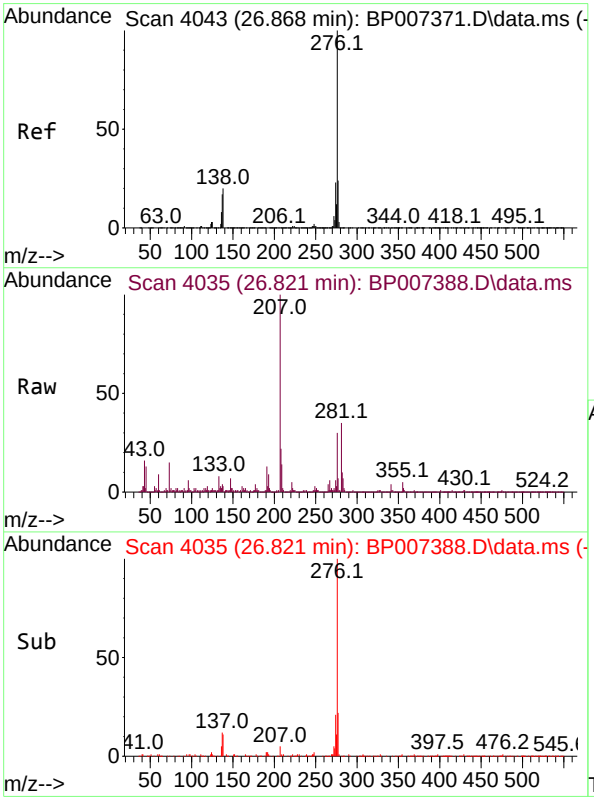


#90
Benzo(a)pyrene
Concen: 3.063 ng
RT: 23.510 min Scan# 3472
Delta R.T. -0.023 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:252 Resp: 91521

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	10.1	6.5	9.7#





#92
Benzo(g,h,i)perylene
Concen: 2.153 ng
RT: 26.821 min Scan# 4035
Delta R.T. -0.047 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:276 Resp: 68228

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	11.6	12.6	18.8#