Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
Data File : BP005475.D
Acq On : 10 May 2021 18:52
Operator : CG/JU
Sample : M2309-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-TP1

Quant Time: May 11 04:21:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 12:37:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	11086	20.00	ng		0.00
21) Naphthalene-d8	10.493	136	31231	20.00	ng		#-0.01
39) Acenaphthene-d10	14.345	164	20958	20.00	ng		-0.01
64) Phenanthrene-d10	17.104	188	50666	20.00	ng		# 0.00
76) Chrysene-d12	21.198	240	86313	20.00	ng		# 0.00
86) Perylene-d12	23.510	264	120972	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	66409	114.96	ng		0.00
7) Phenol-d6	6.899	99	67222	93.32	ng		0.00
23) Nitrobenzene-d5	8.869	82	57331	72.25	ng		-0.01
42) 2,4,6-Tribromophenol	15.845	330	53511	89.97	ng		-0.01
45) 2-Fluorobiphenyl	12.969	172	116147	62.51	ng		-0.01
79) Terphenyl-d14	19.669	244	241107	47.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	56	Below Cal		#	1
9) Benzaldehyde	6.811	77	25	Below Cal		#	14
41) Hexachlorocyclopentadiene	12.545	237	14	7.90	ng		74
50) Dimethylphthalate	13.816	163	10829	5.99	ng	#	93
75) Fluoranthene	19.122	202	15374	3.88	ng		91
78) Pyrene	19.475	202	15025	3.07	ng		98
81) Benzo(a)anthracene	21.180	228	15582	2.79	ng		95
83) Chrysene	21.180	228	15582	2.87	ng		95
88) Benzo(b)fluoranthene	22.810	252	27321	3.39	ng	#	96
89) Benzo(k)fluoranthene	22.810	252	27321	3.47	ng		95
90) Benzo(a)pyrene	23.404	252	21005	2.84	ng	#	90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
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Misc :
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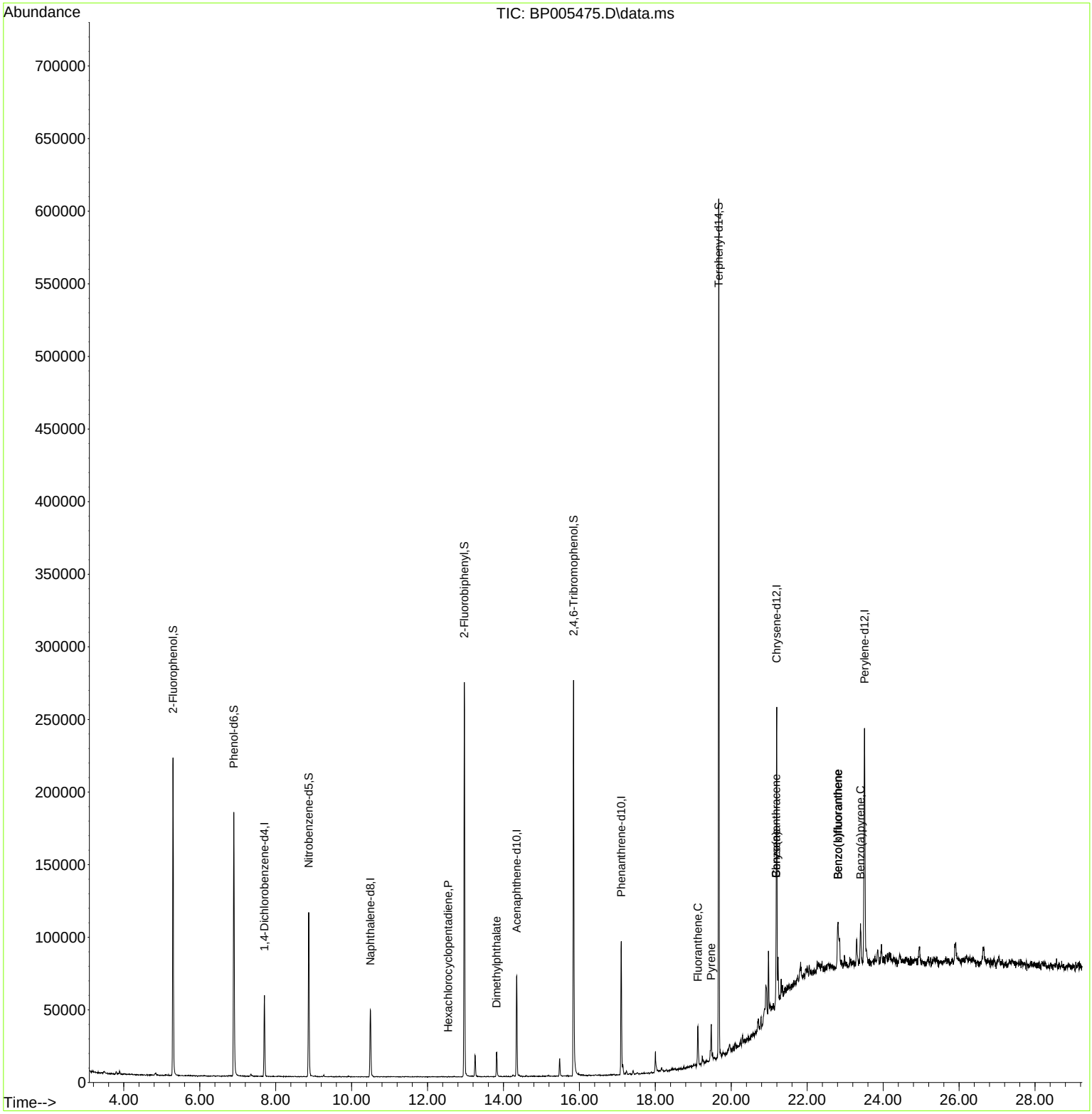
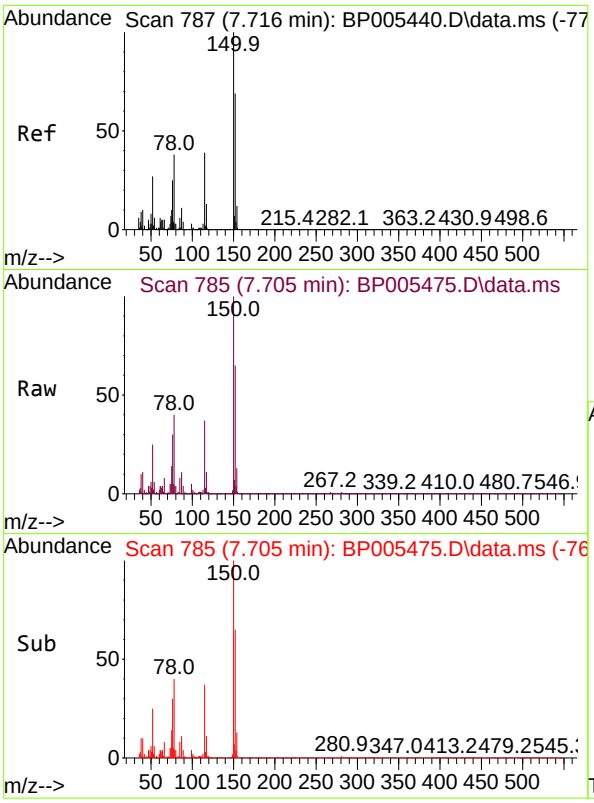
Quant Time: May 11 04:21:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 12:37:06 2021
Response via : Initial Calibration

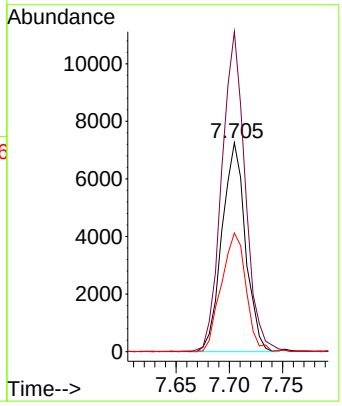




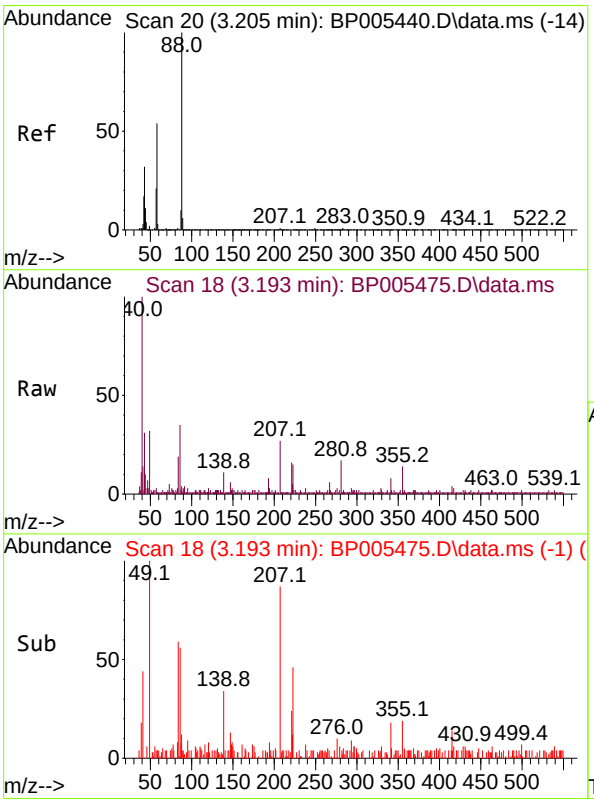
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.006 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:152 Resp: 11086

Ion	Ratio	Lower	Upper
152	100		
150	153.2	119.8	179.8
115	56.8	49.0	73.4



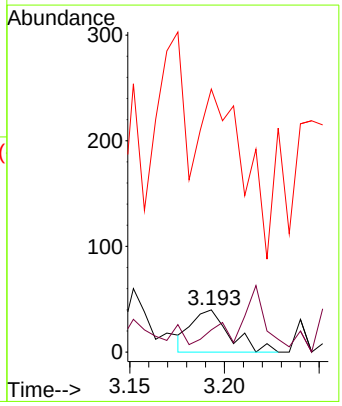
Instrument :
BNA_P
ClientSampleId :
MH-TP1



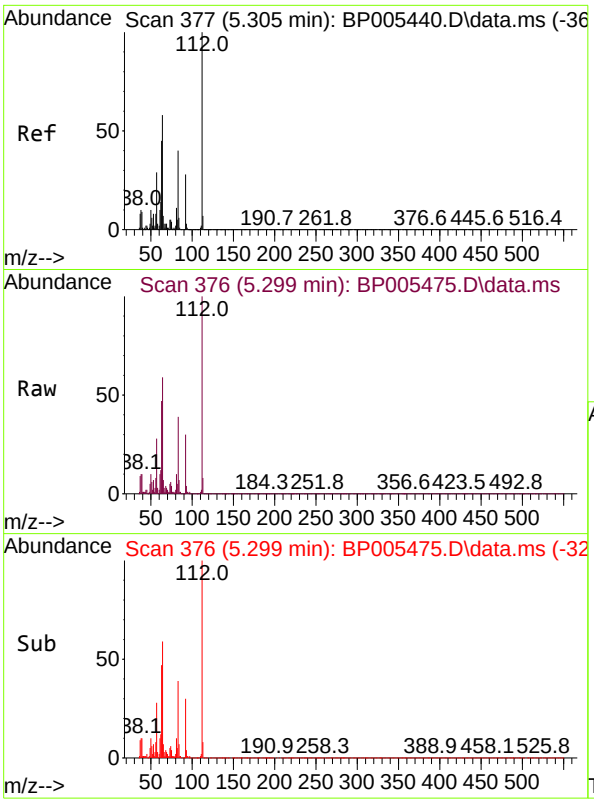
#2
1,4-Dioxane
Concen: Below Cal
RT: 3.193 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion: 88 Resp: 56

Ion	Ratio	Lower	Upper
88	100		
58	0.0	42.5	63.7#
43	378.6	19.8	29.8#



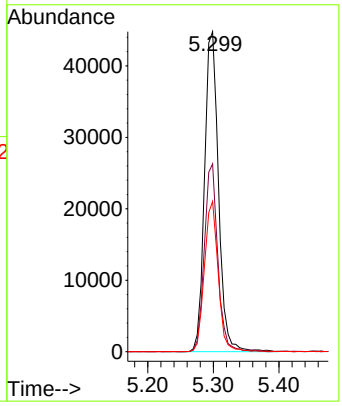
Instrument :
BNA_P
ClientSampleId :
MH-TP1

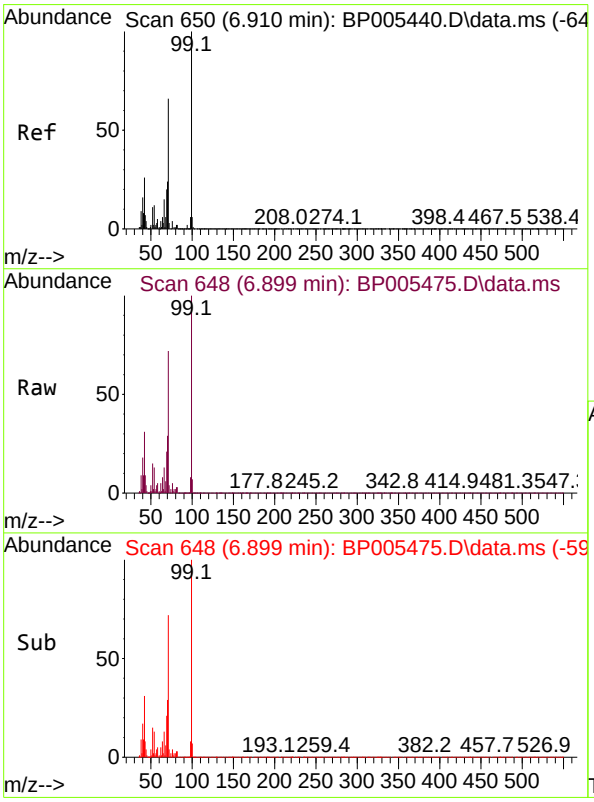


#5
2-Fluorophenol
Concen: 114.96 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.000 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:112 Resp: 66409

Ion	Ratio	Lower	Upper
112	100		
64	58.7	33.6	50.4#
63	47.0	18.6	27.8#

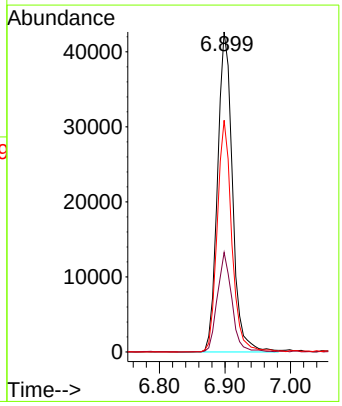




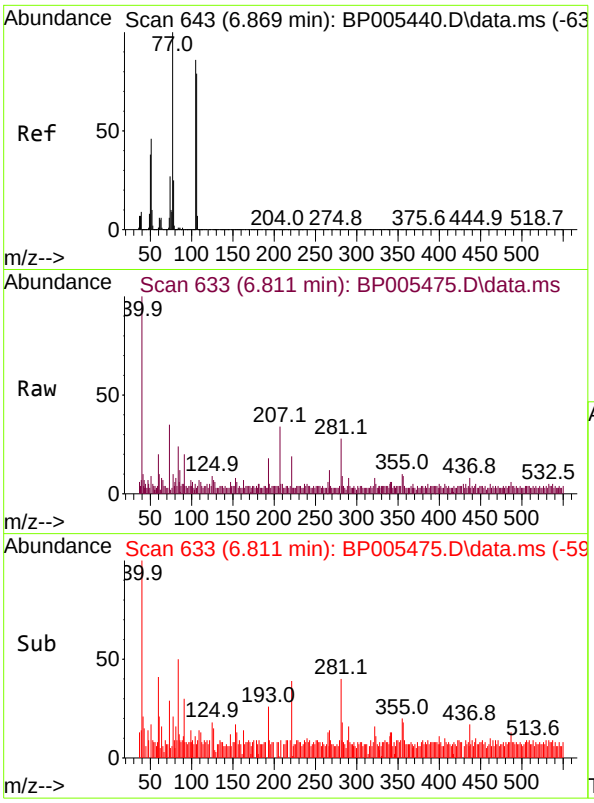
#7
Phenol-d6
Concen: 93.32 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.000 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion: 99 Resp: 67222

Ion	Ratio	Lower	Upper
99	100		
42	31.1	12.9	19.3#
71	72.4	26.7	40.1#



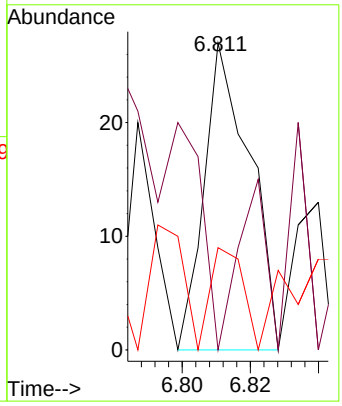
Instrument :
BNA_P
ClientSampleId :
MH-TP1

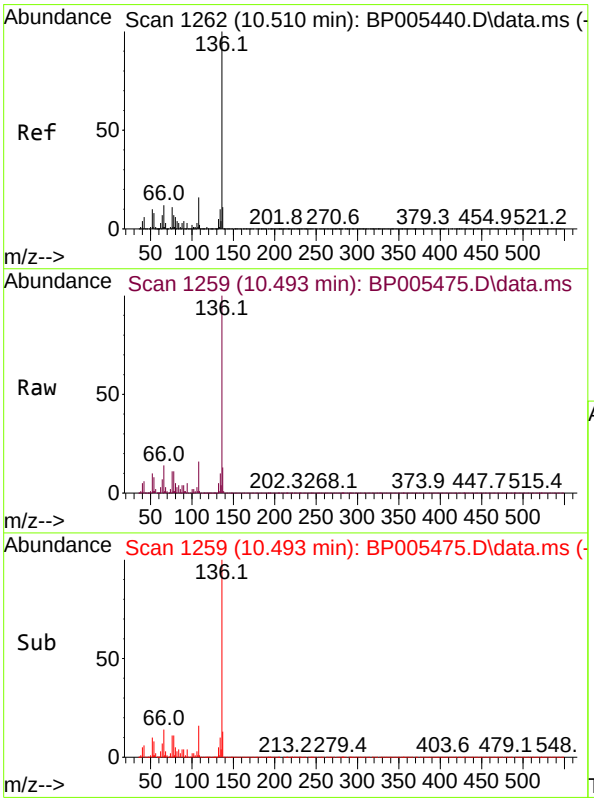


#9
Benzaldehyde
Concen: Below Cal
RT: 6.811 min Scan# 633
Delta R.T. -0.047 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion: 77 Resp: 25

Ion	Ratio	Lower	Upper
77	100		
105	0.0	89.4	129.4#
106	33.3	79.9	119.9#

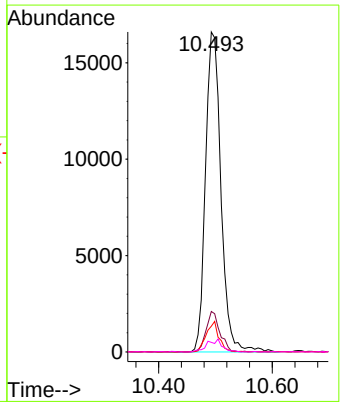


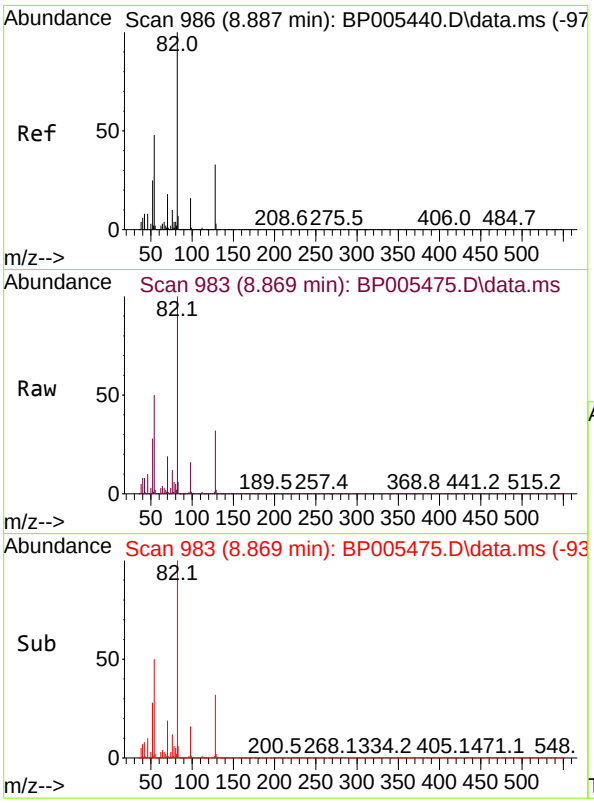


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.012 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:136 Resp: 31231

Ion	Ratio	Lower	Upper
136	100		
137	12.7	8.9	13.3
54	8.0	5.0	7.4#
68	3.0	3.7	5.5#

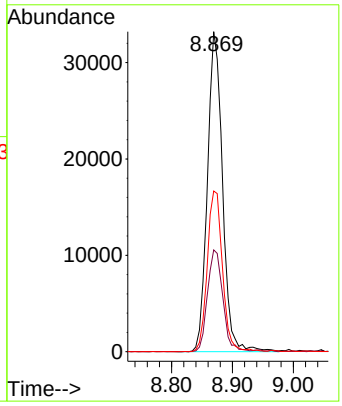




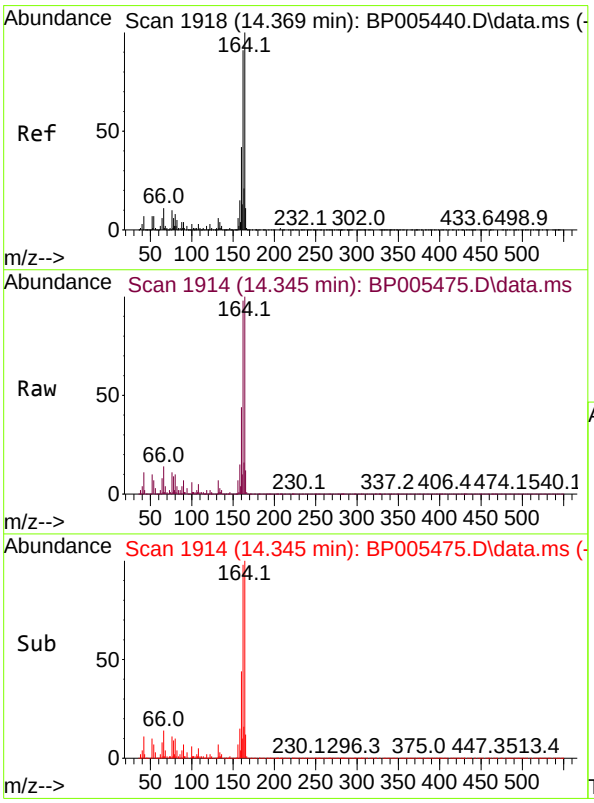
#23
Nitrobenzene-d5
Concen: 72.25 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion: 82 Resp: 57331

Ion	Ratio	Lower	Upper
82	100		
128	31.8	30.5	45.7
54	50.2	33.9	50.9



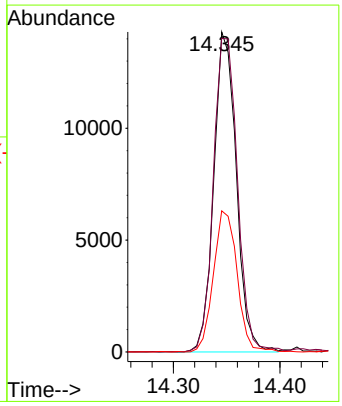
Instrument :
BNA_P
ClientSampleId :
MH-TP1



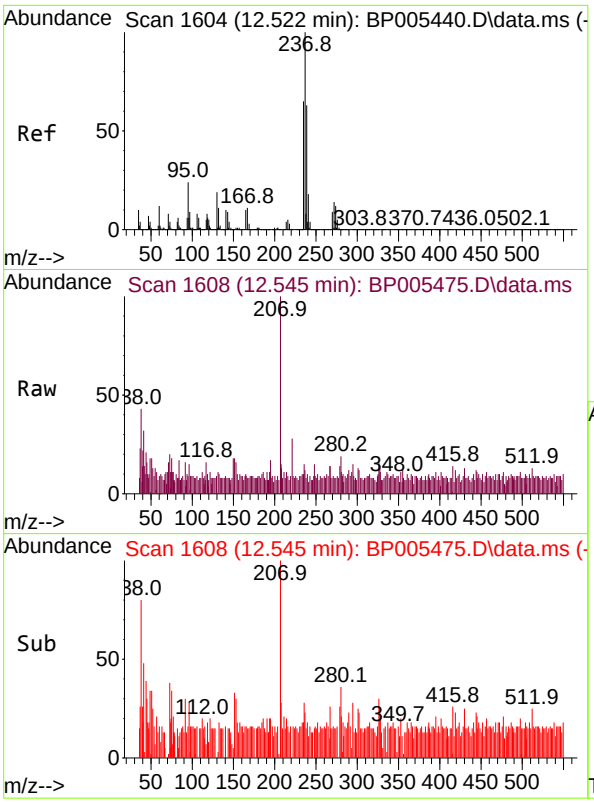
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:164 Resp: 20958

Ion	Ratio	Lower	Upper
164	100		
162	98.0	73.5	110.3
160	44.1	40.6	61.0



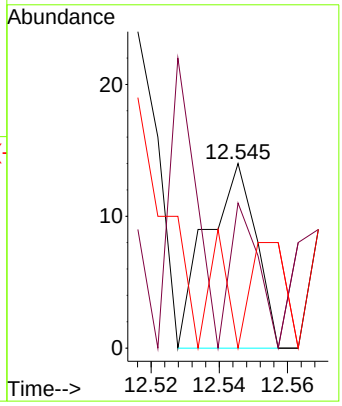
Instrument :
BNA_P
ClientSampleId :
MH-TP1

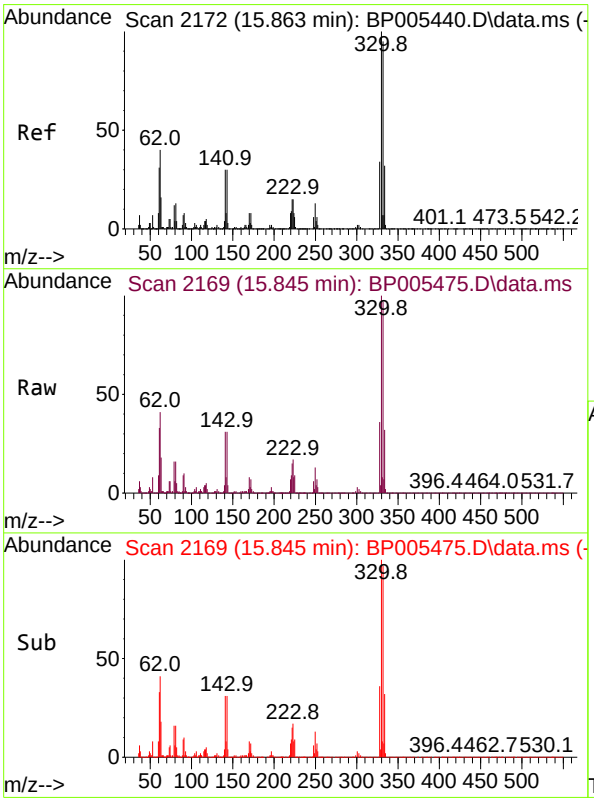


#41
Hexachlorocyclopentadiene
Concen: 7.90 ng
RT: 12.545 min Scan# 1608
Delta R.T. 0.035 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:237 Resp: 14

Ion	Ratio	Lower	Upper
237	100		
235	78.6	40.9	80.9
272	0.0	0.0	34.6

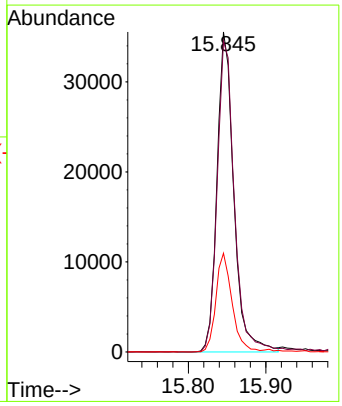




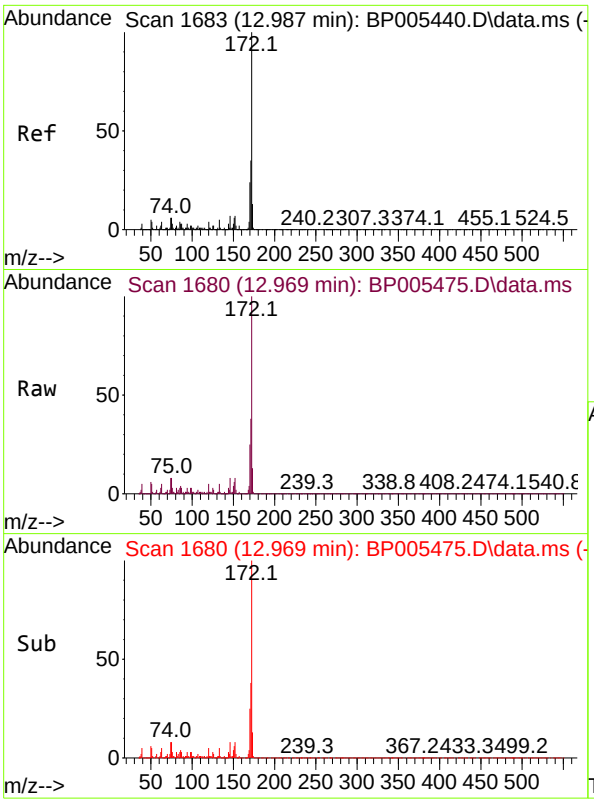
#42
2,4,6-Tribromophenol
Concen: 89.97 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:330 Resp: 53511

Ion	Ratio	Lower	Upper
330	100		
332	100.1	76.3	114.5
141	29.6	22.8	34.2



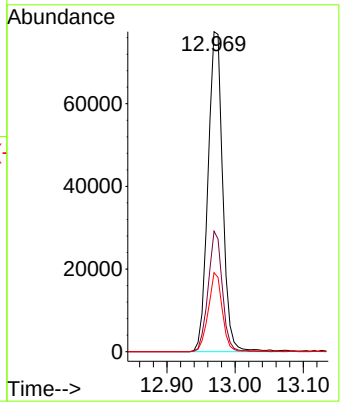
Instrument :
BNA_P
ClientSampleId :
MH-TP1

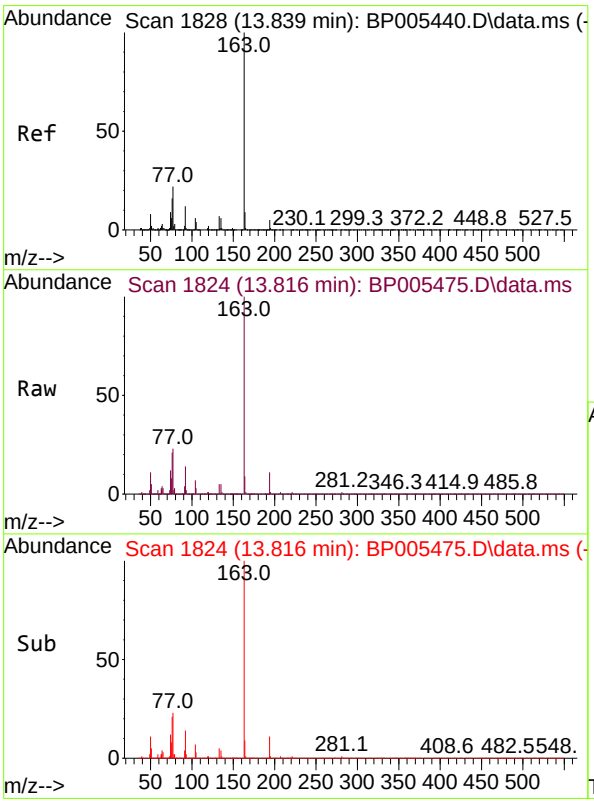


#45
2-Fluorobiphenyl
Concen: 62.51 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:172 Resp: 116147

Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.1	42.1
170	24.7	19.6	29.4

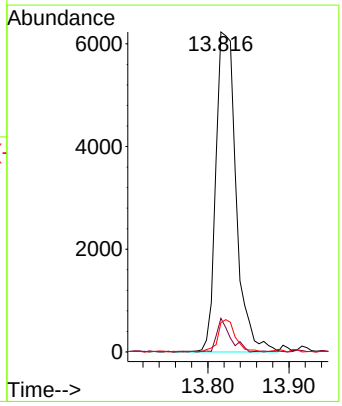




#50
Dimethylphthalate
Concen: 5.99 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:163 Resp: 10829

Ion	Ratio	Lower	Upper
163	100		
194	10.5	3.9	5.9#
164	9.2	8.1	12.1



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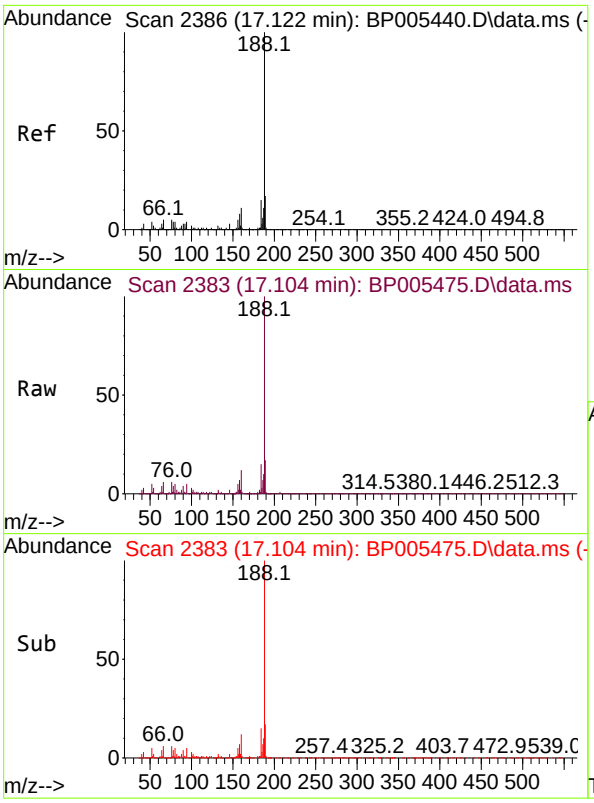
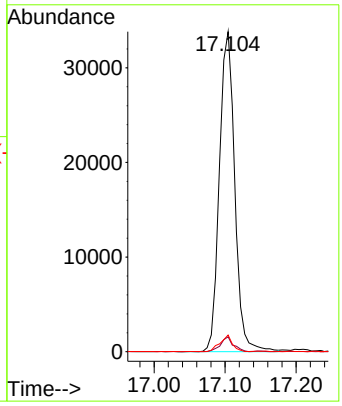
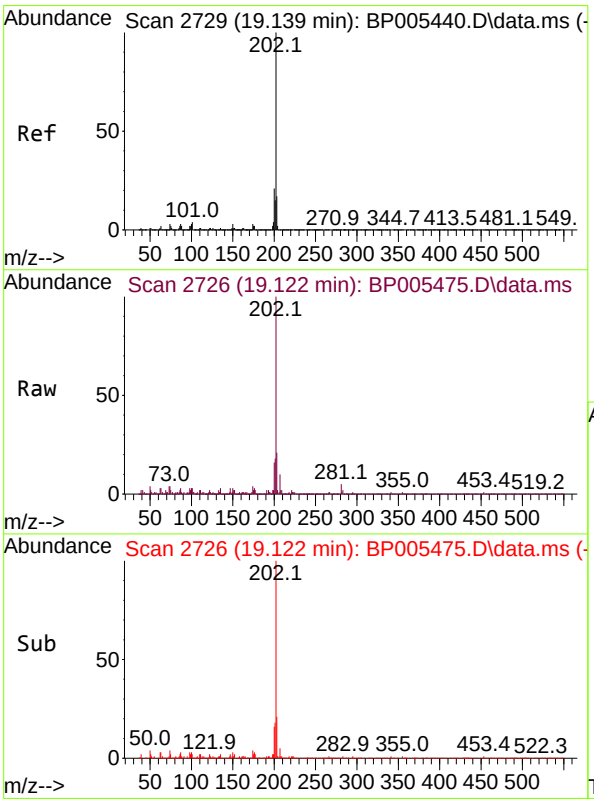


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:188 Resp: 50666

Ion	Ratio	Lower	Upper
188	100		
94	4.6	5.0	7.6#
80	5.2	5.9	8.9#

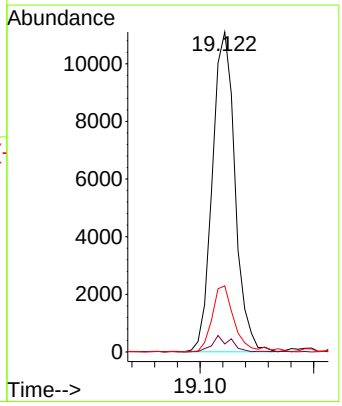


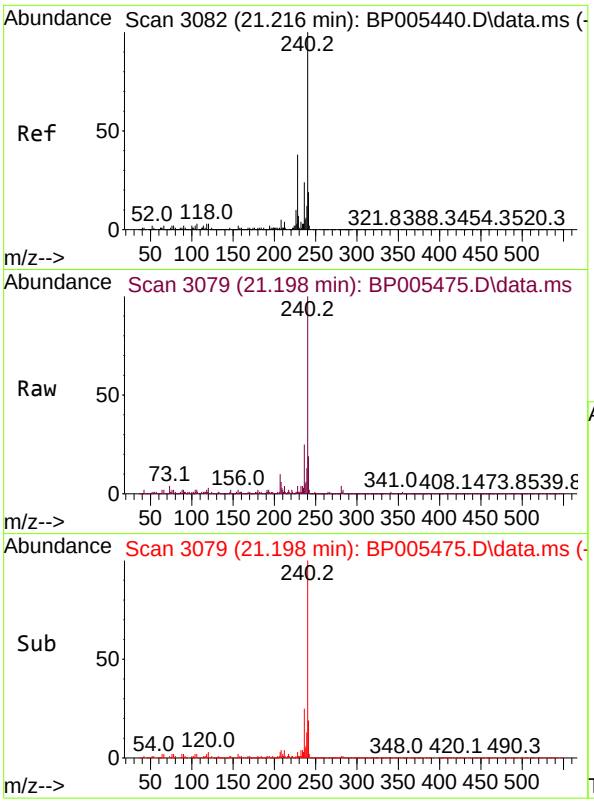


#75
Fluoranthene
Concen: 3.88 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:202 Resp: 15374

Ion	Ratio	Lower	Upper
202	100		
101	2.5	0.0	26.1
203	20.7	0.0	37.2

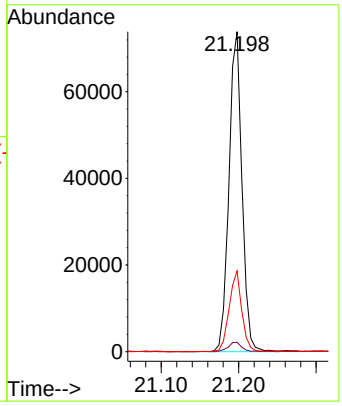




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:240 Resp: 86313

Ion	Ratio	Lower	Upper
240	100		
120	2.9	4.2	6.2#
236	25.2	20.2	30.2



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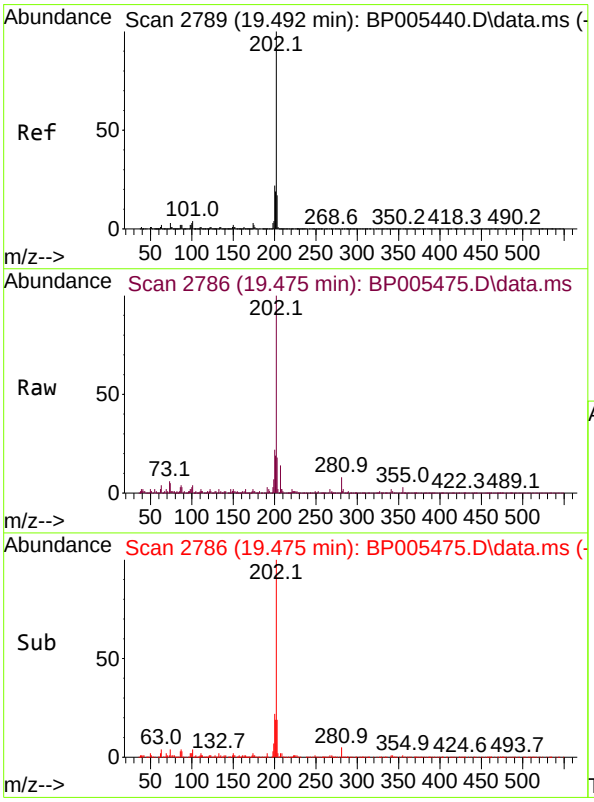
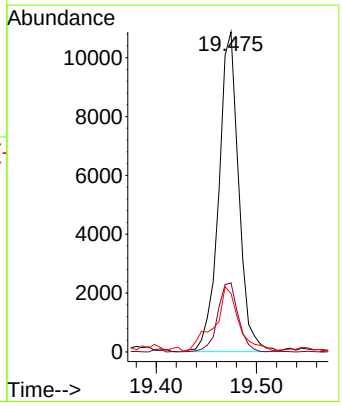


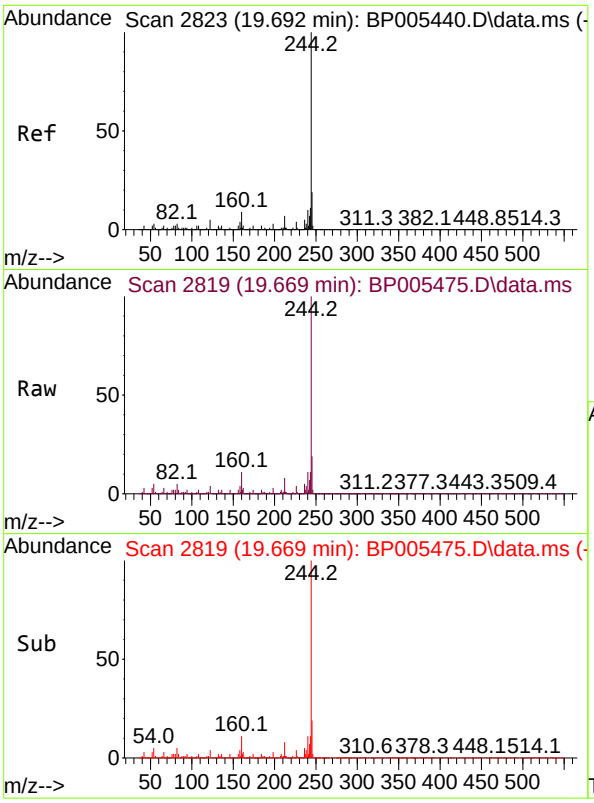
#78
Pyrene
Concen: 3.07 ng
RT: 19.475 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:202 Resp: 15025

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.3	13.8	20.6



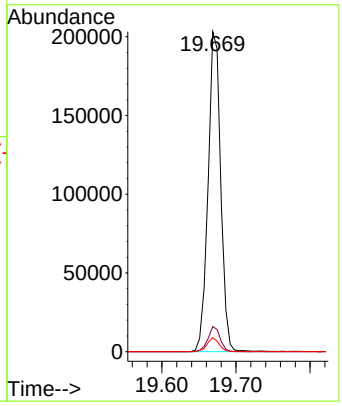
Instrument :
BNA_P
ClientSampleId :
MH-TP1

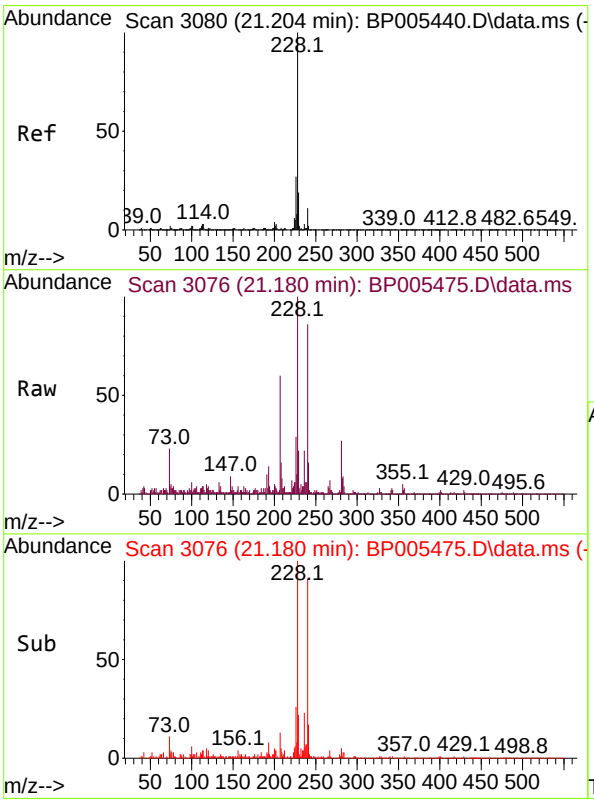


#79
Terphenyl-d14
Concen: 47.44 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:244 Resp: 241107

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.6
122	4.4	5.2	7.8#

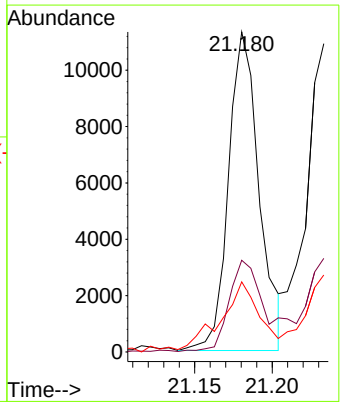




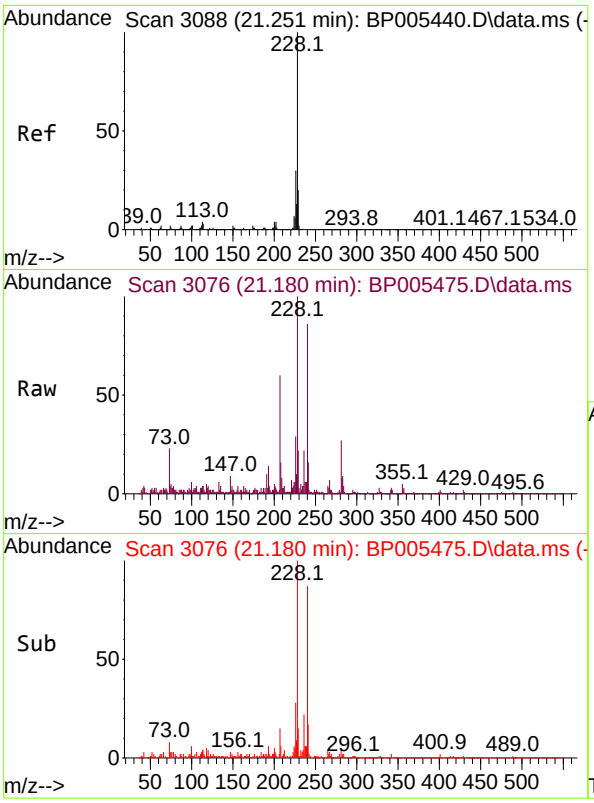
#81
Benzo(a)anthracene
Concen: 2.79 ng
RT: 21.180 min Scan# 3076
Delta R.T. -0.012 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:228 Resp: 15582

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.2	31.8
229	21.9	15.6	23.4



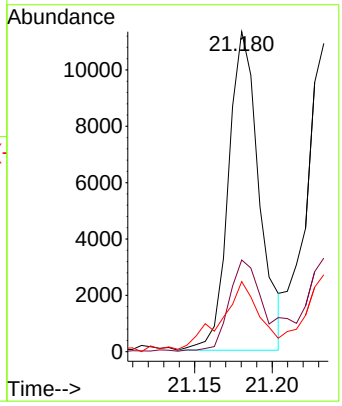
Instrument :
BNA_P
ClientSampleId :
MH-TP1

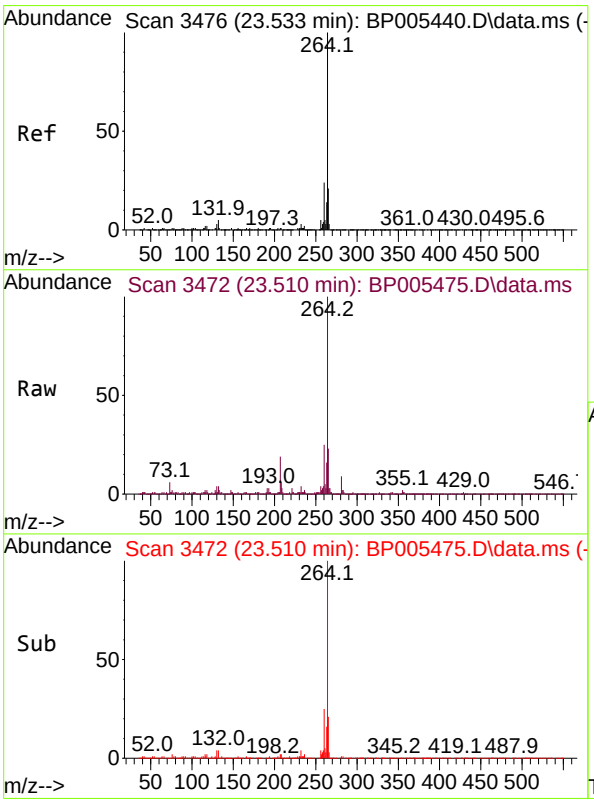


#83
Chrysene
Concen: 2.87 ng
RT: 21.180 min Scan# 3076
Delta R.T. -0.065 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:228 Resp: 15582

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.8	37.2
229	21.9	15.4	23.0

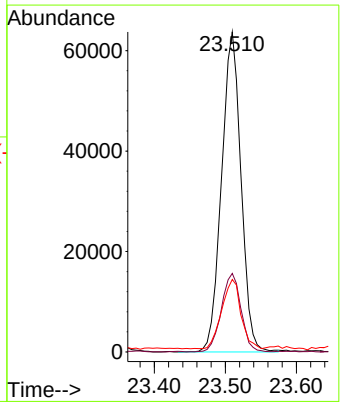




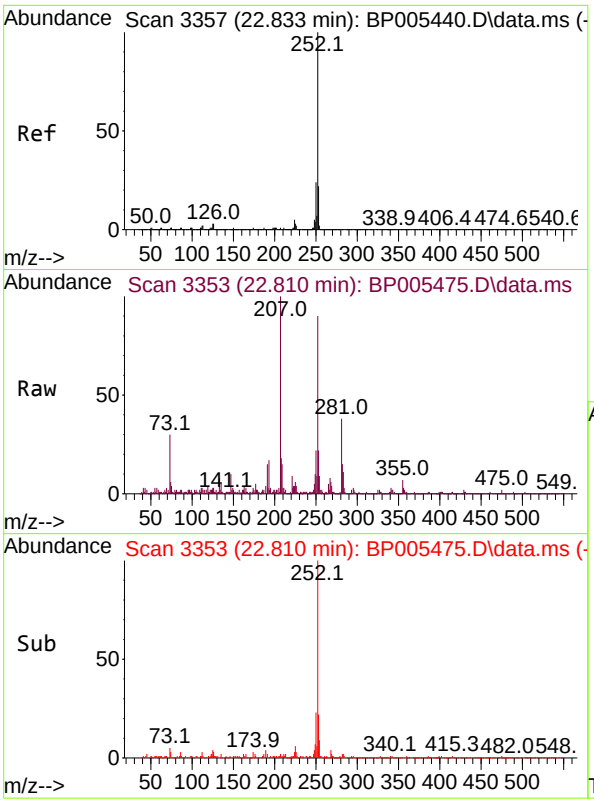
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.510 min Scan# 3472
Delta R.T. -0.012 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:264 Resp: 120972

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	30.8
265	22.7	19.0	28.6



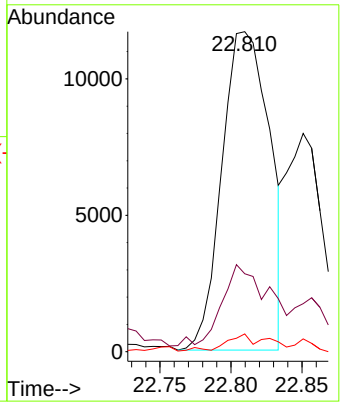
Instrument :
BNA_P
ClientSampleId :
MH-TP1

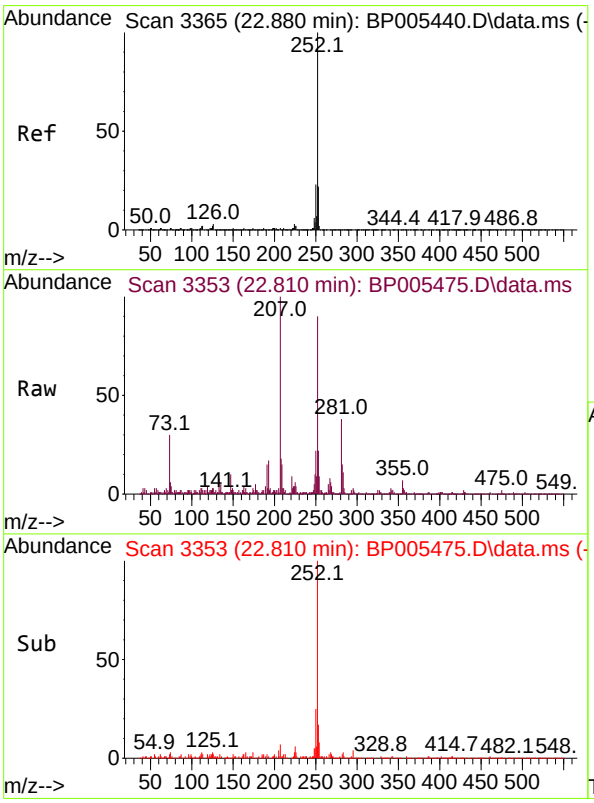


#88
Benzo(b)fluoranthene
Concen: 3.39 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.006 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:252 Resp: 27321

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	5.6	3.4	5.0#

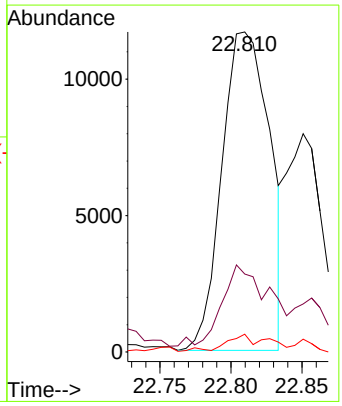


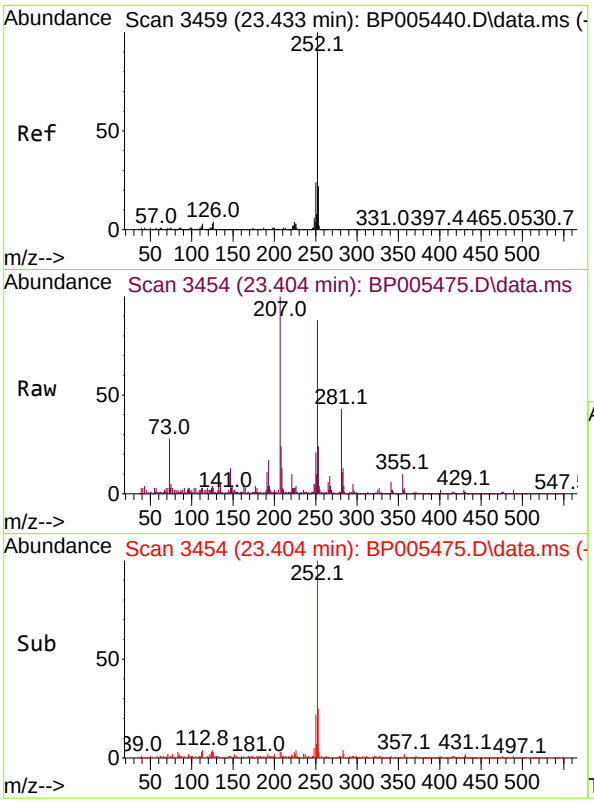


#89
Benzo(k)fluoranthene
Concen: 3.47 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.053 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:252 Resp: 27321

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	5.6	3.8	5.6

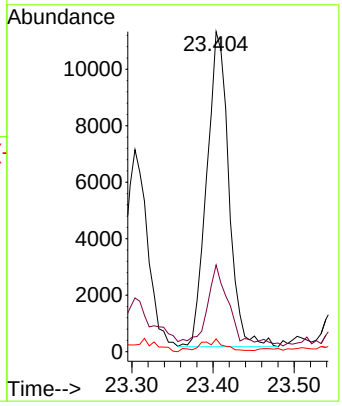




#90
Benzo(a)pyrene
Concen: 2.84 ng
RT: 23.404 min Scan# 3454
Delta R.T. -0.018 min
Lab File: BP005475.D
Acq: 10 May 2021 18:52

Tgt Ion:252 Resp: 21005

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.1	25.7#
125	4.0	3.8	5.6



Instrument :
BNA_P
ClientSampleId :
MH-TP1